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ABSTRACT

The Maryland Hospital Education and Research Foundation (MHERF) is a private, non-profit organization whose objectives are: (1) to coordinate, improve and standardize continuing education and training programs for health personnel in Maryland; (2) to coordinate, accelerate and extend existing health career information activities in the state and to institute new methods for reaching and counseling the available labor market; (3) to seek to assure manpower development and work force stability in Maryland by encouraging more effective utilization of human resources; and (4) to seek adequate funds to stimulate and support innovative research and education directed toward accomplishing the Foundation's goal. This guide provides basic information on professional and technical health-related educational programs in Maryland and is intended to be a convenient reference for guidance counselors and prospective health workers. The guide lists and describes the educational programs offered and presents information on available scholarship and loan programs. (Author/HS)

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HEALTH CAREERS

a guide to educational and training programs in maryland

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Introduction

The Maryland Hospital Education and Research Foundation presents the second edition of HEALTH CAREERS, A GUIDE TO EDUCATIONAL AND TRAINING PROGRAMS IN MARYLAND, the printing and distribution of which have again been made possible by a grant from the Regional Medical Program for Maryland.

The Maryland Hospital Education and Research Foundation (MHERF) is a private, non-profit organization incorporated in September, 1967, by the Maryland Hospital Association as a result of recommendations made by the Association's Manpower Development Committee. The objectives of the Foundation are:

1. To coordinate, improve and standardize continuing education and training programs for health personnel in Maryland.
2. To coordinate, accelerate and extend existing health career information activities in the state and to institute new methods for reaching and counseling the available labor market.
3. To seek to assure manpower development and work force stability in Maryland by encouraging more effective utilization of human resources.
4. To seek adequate funds to stimulate and support innovative research and education directed toward accomplishing the Foundation's goal.

We gratefully acknowledge the assistance and cooperation of agencies and individuals who contributed material for this edition. Agencies are encouraged to send new or revised program information to

Executive Director
Maryland Hospital Education and Research Foundation
1301 York Road
Lutherville, Maryland 21093

Preface

The Guide provides basic information on professional and technical health-related educational programs in the area and is intended to be a convenient reference for guidance counselors and prospective health workers:

The Admissions Offices and Counseling Services of the educational institutions should be consulted for further information concerning curriculum, costs above the basic tuition listed, and scholarship information.

For information concerning pre-medical programs, inquiries may be directed to the Admissions Office at the School of Medicine, University of Maryland at Baltimore; the School of Medicine, Johns Hopkins University; The Admissions Office, University of Maryland, Baltimore County; or the Admissions Office of other four-year colleges.

For information concerning pre-dental programs, inquiries may be directed to the Admissions Office of the School of Dentistry, University of Maryland at Baltimore or to the Admissions Office, University of Maryland, Baltimore County.

Other inquiries concerning health professions may be sent to:

Maryland Health Careers Promotion Council
c/o Maryland Hospital Education and Research Foundation
1301 York Road
Lutherville, Maryland 21093

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Health Career Descriptions

The following section includes brief descriptions of those health careers for which we list educational and training programs.

In those cases where they are available, we list the D.O.T. number given the particular career by the Dictionary of Occupational Titles (U.S. Department of Labor, 1971.)

ALCOHOLISM COUNSELOR works in the rehabilitation of alcoholics and may be a former alcoholic who is interested in assisting others with this problem.

ANIMAL CARE TECHNICAN cares for laboratory animals used for experiments, biological tests, and research by preparing food according to specification, cleaning cages, pens, and surrounding areas, preparing blood samples, and observing and recording general behavior and specific reactions of animals to experimental treatment. (D.O.T. 356.874)

AUDIOLOGIST specializes in diagnostic, habilitative, and rehabilitative services, and research related to hearing. (D.O.T. 079.108)

BIO-MEDICAL EQUIPMENT TECHNICIAN is responsible for the maintenance, calibration, and adjustment of all electronic equipment used in hospitals.

CERTIFIED LABORATORY ASSISTANT works under direct supervision of the Medical Technologist and Pathologist in blood-banking, bacteriology, hematology and other routine clinical laboratory testing. The Assistant collects blood specimens and body fluids for preparation of slides, takes basal metabolism tests, electrocardiograms, and does other similar tasks. (D.O.T. 078.381)

COMMUNITY MENTAL HEALTH SPECIALIST is prepared to work in a variety of health related specialties in ambulatory care facilities, ranging from alcoholism to comprehensive health care. Tasks may include those of the Senior Mental Health Technician as well as coordination and supervision under direction of the unit administrator.

CYTOPREPARATORY TECHNICIAN prepares slides using specialized stains, filtrations, mounting procedures, etc., for use by cytotechnologists and physicians.

CYTOTECHNOLOGIST works under supervision of the Pathologist as a specialist on the medical laboratory technology team. The cytotechnologist is trained in laboratory procedures and techniques in the use of slide samplings preparatory to diagnosing early signs of diseases such as cancer. (D.O.T. 078.381)

DENTAL ASSISTANT is trained to directly assist a dentist in technical and chair-side duties permitted by the Dental Practice Act of the State and commensurate with his or her education. These duties may include patient dental education, removing sutures, applying sodium fluoride treatment, preparing and mixing materials, sterilizing instruments, exposing and developing X-rays, assisting in surgical procedures, constructing dental models, waxing and casting dental restorations, office billing, typing, record keeping and receptionist responsibilities. (D.O.T. 079.378)

DENTAL HYGIENIST works under supervision of the dentist in performing prophylaxis (or "cleaning"), applying fluorides to prevent dental decay, helping in early detection of disease, taking X-rays of teeth and instructing the patient on proper oral health. (D.O.T. 078.368)

DENTAL TECHNOLOGIST serves in dental laboratories, hospital and dental school laboratories, and clinics. Manipulative skills are required as well as

an understanding of the theory and principles which are involved. As prescribed or ordered by a dentist, the technician can assume responsibility for constructing casts or bridges and other prostheses.

***DIETARY AIDE**

***FOOD SERVICE ASSISTANT**

***FOOD SERVICE WORKER**

One who performs a variety of tasks required for the general operation of a food service system. Duties include non-technical food preparation routines, portioning and assembling foods, assisting with food service or other related jobs as directed by a supervisor.

** Terminology interchangeable depending on institution.*

DIETARY TECHNICIAN works under the general direction of the food service director. Supervises or instructs employees engaged in food service. Responsibilities may include menu formulation, purchasing of food, supplies and equipment, employee scheduling, on job training and general food service administration.

DIETITIAN works in hospitals, nursing homes, extended care facilities, school food service systems, colleges and universities, hotels and restaurants and numerous other commercial and industrial organizations.

Dietitian, Administration — directs or assists in the direction of a total food service operation; is an organizer and planner who must remain current in new and better methods of quantity food service; is a specialist in coordinating the various aspects of dietetics into an efficient food service system.

Dietitian, Therapeutic — is skilled in advising individuals concerning nutritional requirements as related to optimum health, or concerning nutritional stresses resulting from certain disease conditions. (D.O.T. 077.128)

ELECTROENCEPHALOGRAPH TECHNICIAN measures, by means of an electroencephalograph (EEG) impulse frequencies and differences in electrical potential between various areas of the brain to obtain data for use in diagnosis of brain disorders. (D.O.T. 078.368)

ENVIRONMENTAL TECHNOLOGY
WATER POLLUTION:

POLLUTION ABATEMENT TECHNOLOGIST may work as an assistant to a scientist, engineer or administrator to solve problems of man's environment; for example, in water pollution the technologist will be concerned primarily with water sampling and testing, or in charge of operating a water plant. In working with solid waste, the technologist may be involved with landfill and incinerator operations. The Pollution Abatement Technologist may be employed by operating agencies, regulatory agencies or industry. With an A.A. Degree, the technologist may continue study toward an engineering degree.

SANITARY TECHNOLOGIST works as an assistant to the sanitary engineer. The person taking this program is usually employed by an Engineer or an engineering firm, or may be involved in the evaluation of a sewage plant.

SOLID WASTE MANAGER may assist in working on incinerator operation or sanitary landfill operation.

LAND POLLUTION:

POLLUTION ABATEMENT TECHNOLOGIST (see above)
SOLID WASTE MANAGER (see above)

FAMILY HEALTH ADVOCATE works under the direction of a Health Care Supervisor in Health Centers and in homes of patients stressing the preventative and health maintenance aspects of care as well as the therapeutic.

FOOD SERVICE SUPERVISOR supervises and instructs employees within a food service system in maintaining and improving food preparation and service, as well as maintaining high standards of sanitation, dietary housekeeping and safety. (D.O.T. 319.138)

HEALTH AIDE works under professional supervision, giving personal care to the patient who is ill or disabled. Duties may include assisting with meals, bathing, some household chores and generally helping the patient who is just home from the hospital, recovering, or those who are too old to manage without regular or part-time help.

HEALTH EDUCATOR works as a resource person with general and professional community groups, hospitals, health agencies, clinics and industries; is able to give technical and general assistance in health planning and programming; may also be called upon for teaching in the health field.

HISTOPATHOLOGY TECHNOLOGIST cuts, stains, mounts, and studies specimens of human tissues to provide data on functioning of tissues and organs, causes and/or progress of disease. (D.O.T. 078.381)

HOSPITAL ADMINISTRATION involves the direction and coordination of all activities of the hospital in carrying out its objectives in the provision of health care, furtherance of education and research, and participation in community health programs. The administrator is responsible for the operation of the hospital, for the application and implementation of established policies, and for liaison among the governing authority, the medical staff, and the departments of the hospital. (D.O.T. 187.118)

HOSPITAL AIDE works under professional supervision and responsibilities may vary from hospital to hospital. Duties may include services to the patient such as answering the patient's calls, helping with meals, adjusting the bed, straightening the room, and other tasks that are important to the patient's care.

HOSPITAL MANAGEMENT/SUPERVISION involves the supervision and coordination of activities of personnel in various specialized departments of a hospital. Such personnel work under the direction of a department head and/or a member of the hospital's administrative team. A person in this category has training in a particular health care field and also specialized training in management skills.

HOSPITAL PLANT ENGINEERING ASSISTANT assists the director of plant operations in directing programs to maintain buildings, grounds, and equipment and in procuring and generating all utilities and their distribution systems; and assists in coordinating these activities with the other departments to insure safe and efficient operation. (Based on D.O.T. 187.168, Director, Plant Operations)

INHALATION THERAPIST works as prescribed by a physician in providing the human body with an adequate supply of oxygen and in removing excessive carbon dioxide. This is done by proper application of oxygen and other therapeutic gases, using various types of equipment. Inhalation Therapists are also involved in lung function and blood gas testing. (D.O.T. 079.368)

INHALATION THERAPY TECHNICIAN works as one of the support personnel under the supervision of the Inhalation Therapist.

MEDICAL ASSISTANT is a person, preferably a woman, trained to assist the licensed physician in his office. The duties include preparing patients for the physician's examination, cleaning and sterilizing gloves, instruments, and other supplies, preparing the examining room, assisting in the collection of specimens, performing simple laboratory tests, X-ray procedures, and assisting with or carrying out treatments prescribed by the physician. She may also take care of receiving patients, making appointments, completing forms, collecting fees, typing business letters and assisting in keeping medical records.

MEDICAL CLERK TYPIST usually works with a physician or medical secretary, as a receptionist-typist, a typist, junior secretary, bookkeeper and/or technical assistant in a doctor's office, hospital, health agency, clinic, or other medical or health setting.

***MEDICAL LABORATORY TECHNICIAN** works under supervision of a Medical Technologist and Pathologist in performing tests in urinalysis, grouping and typing of blood, analysis of blood and body fluids, and taking electrocardiograms and basal metabolism tests, both of which involve direct handling of the patient. The Medical Laboratory Technician performs more complex procedures than the laboratory assistant, but does not usually handle supervisory or educational tasks of the Medical Technologist. (D.O.T. 078.381)

** Some A.A. Degree programs are entitled Medical Laboratory Technologist.*

MEDICAL LIBRARIAN administers and maintains a hospital library containing medical books, reports, journals, and bibliographic tools for the use of physicians, staff, and students. The librarian selects, classifies, and issues books and other materials, assists readers in answering requests for information and in preparing bibliographies, translations, abstracts, and reviews. (D.O.T. 100.168)

MEDICAL RECORD ADMINISTRATOR works with the development, use and maintenance of the patient's records for purposes of proper medical care, treatment, research and education. The Medical Record Librarian may work in a hospital, nursing home, clinic, or medical research center. Some serve as consultants in hospitals or to health-related institutions or businesses. (D.O.T. 100.388)

MEDICAL RECORD TECHNICIAN works closely with the Medical Record Administrator (normally under the supervision of the latter), with administrators, physicians, nurses, and other health personnel. Tasks may include preparing and maintaining patient information, transcription of reports and patient histories; responsibility for completion, accuracy and coding of individual and group records for completeness and accuracy as official records. (D.O.T. 249.388)

MEDICAL SECRETARY works for a physician or group of physicians in offices, hospitals and health programs. Duties may include stenography and typing of medical records and correspondence, screening of visitors and telephone calls, scheduling of appointments, and filing. (D.O.T. 201.368)

MEDICAL TECHNOLOGIST works with the pathologist (M.D.) and other physicians on diagnostic and treatment procedures in the causes and cures of diseases. The Medical Technologist is part of the clinical team which performs the chemical, microscopic, bacteriologic and other tests necessary for identification and treatment of diseases. Most of this work is in the medical laboratory. (D.O.T. 078.381)

MEDICAL TRANSCRIBER transcribes medical reports on diagnostic workups, therapeutic procedures, and clinical resumés for inclusion in medical records and for transmission to physicians or other medical care facilities, using transcribing machine and typewriter. (D.O.T. 208.588)

***MENTAL HEALTH ASSOCIATE**

***MENTAL HEALTH TECHNICIAN**

***MENTAL HEALTH CLINICIAN**

***MENTAL HEALTH TECHNOLOGIST**

***HUMAN SERVICES ASSOCIATE**

Works with mental health professionals under the supervision of a professional staff member. Assists mentally ill patients by using individual, group and family counseling and other basic treatment methods for mental illness in specific areas such as psychiatry, nursing services, social services, psychology and rehabilitation.

** Terminology interchangeable depending on institution.*

NEUROMETRIC TECHNICIAN is a radiologic technologist, an EEG technologist, or a nuclear medicine technologist who has been trained in three areas of neurometrics: electroneuromyography, echoencephalography, and thermography.

NURSING ASSISTANT (AIDE) works under supervision of the nurse, making beds, bathing patients, delivering messages, maintaining linen supply, and escorting patients in the hospital. The Nursing Assistant administers some services directly to the patient.

NURSE, LICENSED PRACTICAL, shares in direct care of the patient under supervision of a physician or Registered Nurse. Licensed Practical Nurses work in doctors' offices, hospitals, homes, public health agencies and other institutions. (D.O.T. 079.378)

NURSE, REGISTERED, is responsible for the direct care of the patient, assisting the physician in administering treatments and medications, planning and coordinating the nursing care, and supervision of nursing personnel. Nurses may earn advanced degrees or certificates in such specializations as midwifery, anesthesia, community health administration, and other areas of medical, surgical, obstetric, pediatric, geriatric, and psychiatric nursing. They may qualify to teach and interpret this care to others. They may be involved in the planning, directing, and evaluation of nursing personnel working with them. Opportunities in nursing exist not only in hospitals, but also in public health, education, industry, private care and government service. (D.O.T. 075.378)

NUCLEAR MEDICINE TECHNICIAN operates radioscopic equipment, such as scintillation detectors and scanners, to produce scanograms and measure concentrations of radioactive isotopes in specified body areas and body products to obtain information for use of physicians in diagnosing patient illnesses. (D.O.T. 078.381)

NUTRITIONIST plans and conducts programs concerning nutrition to assist in promotion of health and control of disease with medical personnel, health and other agencies on nutritional phases of their programs.

OCCUPATIONAL THERAPY ASSISTANT works under supervision of the Occupational Therapist or physician in carrying out with the patient a therapeutic activity program in arts and crafts, recreation or industrial skills. These activities may include skills in self-care, homemaking, reading, writing, and prosthetics, depending upon the type of health facility in which the Occupational Therapy Assistant works. (D.O.T. 079.368)

OPERATING ROOM TECHNICIAN works under medical supervision in treating patients in the operating and emergency rooms. The Operating Room Technician may, in general, assist in major or minor surgery, help to set up the operating room, hand physicians the necessary instruments during surgery, and help in post-operative treatment.

ORTHOPTIST works under supervision of an ophthalmologist (a physician specializing in diseases of the eye). The Orthoptist uses various tests and instruments to help make diagnoses, and to help patients correct certain eye muscle imbalance.

PHARMACIST is a specialist in the science of drugs: the preparation and dispensing; the identification; analysis and selection. The Pharmacist may act as a consultant or instructor on the usage of drugs, or may be involved in drug research. Pharmacists may be managers of hospital pharmacies, or be involved in community pharmacies. (D.O.T. 074.181)

PHYSICAL THERAPIST works with physicians, nurses and other specialists in helping patients with muscle, nerve, joint or bone diseases or injuries to overcome their disability through therapeutic exercise, massage and use of heat and cold; instructs and helps prepare the patient and/or family in relation to the therapy. (D.O.T. 079.378)

PHYSICAL THERAPY ASSISTANT works under supervision of the Physical Therapist helping with treatments and therapy necessary for restoring bodily functions in patients with physical disability. The treatment may include physical exercise, the use of mechanical apparatus, massage, applications of heat and cold, light, water or electricity. The assistant may handle the office routine including record-keeping, scheduling and inventory.

PHYSICIAN'S ASSISTANT is qualified by academic and practical training to provide patient services under the supervision and direction of a licensed physician who is responsible for the performance of that assistant. (Also called Health Assistant)

PULMONARY TECHNICIAN operates a variety of electromechanical respiration equipment, such as respirometer, radiometer, and intermittent-positive-pressure-breathing machine, to obtain data relative to functioning of patients respiratory processes for use by physician in diagnosing and treating pulmonary disorders. (D.O.T. 078.-T)

***RADIOLOGIC TECHNOLOGIST** works under the supervision of the radiologist (physician) or chief radiologic technologist. The Radiologic Technologist is trained to operate X-ray equipment including deep therapy units and linear accelerators. The Technologist may specialize in X-ray technology, nuclear medicine, or radiation therapy technology. Responsibilities include assisting with the preparation and treatment of the patient, operation of the equipment during treatment and proper maintenance of treatment records. (D.O.T. 078.368)

** Sometimes called X-ray Technician or X-ray Technologist.*

RESPIRATORY THERAPIST is trained and qualified in oxygen therapy, inhalation therapy, and respiratory physical therapy. (See Inhalation Therapist)

SPEECH PATHOLOGIST diagnoses, treats, and performs research related to speech and language problems. (D.O.T. 079.108)

SURGICAL TECHNICIAN (see Operating Room Technician)

X-RAY TECHNICIAN; X-RAY TECHNOLOGIST (see Radiologic Technologist)

Programs Offered
Post-Secondary and Adult Education

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
ALCOHOLISM COUNSELOR	Certificate	High School Diploma; Recovered alcoholic	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	6 months		None	Some stipends	
ANIMAL CARE TECHNICIAN	Certificate	High School graduate with one year experience in animal lab.	Johns Hopkins Hospital 601 North Broadway Baltimore, Maryland 21205	5 months		None	Stipend	
BIO-MEDICAL EQUIPMENT TECHNOLOGIST	A.A. Degree	High School Diploma or Equivalency	Catonsville Community College 800 S. Rolling Road Baltimore, Maryland 21228	2 academic years		$225 resident of Baltimore County	Yes or part-time study	In planning
CERTIFIED LABORATORY ASSISTANT	Certificate	High School Diploma or Equivalency	Peninsula General Hospital Locust and South Division Streets Salisbury, Maryland 21801	12 months	October	None	None MDTA*	Peninsula General Hospital
CHILD CARE SPECIALIST EDUCATOR	B.S. Degree (M.S. to be developed)	High School Diploma or A.A. Degree in Mental Technology	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	4 academic years; 2 for student with A.A. Degree	September	$460;** $30 per credit hour	Yes, part-time work-study	State and local psychiatric, social, community and clinic agencies

** Manpower Development and Training Act*
*** Includes everything except room and board*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
CHRONIC CARE PRACTITIONER	M.S. Degree (beginning 1974)	Registered Nurse with B.S. Degree	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience	September	$30 per credit hour	Federal scholarships and loans; part-time, work-study	State Department of Health and Mental Hygiene East and West Baltimore Health Centers Sinai Hospital Nursing Homes
COMMUNITY HEALTH AD-MINISTRATOR	B.S. Degree (M.S. to be developed)	High School Diploma or A.A. Degree in Mental Technology	Morgan State College Cold Spring Land and Hillen Road Baltimore, Maryland 21239	4 academic years; 2 for student with A.A. Degree	September	$460;* $30 per credit hour	Yes, part-time work-study	State and local psychiatric, social, community and clinic agencies
COMMUNITY HEALTH PRACTITIONER	M.S. Degree (beginning 1974)	Registered Nurse with B.S. Degree	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience	September	$30 per credit hour	Federal scholarships and loans; part-time, work-study	State Department of Health and Mental Hygiene East and West Baltimore Health Centers Sinai Hospital Nursing Homes
COMMUNITY MENTAL HEALTH SPECIALIST	B.S. Degree (M.S. to be developed)	High School Diploma or A.A. Degree in Mental Technology	Morgan State College Cold Spring Land and Hillen Road Baltimore, Maryland 21239	4 academic years; 2 for student with A.A. Degree	September	$460;* $30 per credit hour	Yes, part-time work-study	State and local psychiatric, social, community and clinic agencies

* *Includes everything except room and board*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
COMPREHENSIVE HEALTH PLANNER	M.A. in C.H.P.; M.A. in H.C.A.; M.B.A. in H.C.A.	Bachelor's degree with satisfactory undergraduate performance and selected admission tests	George Washington University Washington, D.C.	2 to 3 years	Fall Spring Summer	$3,100	Yes	Various Health Institutions and Agencies nationwide
CYTO-PREPARATORY TECHNICIAN	None	High School graduate	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	2 years		None	Stipend	
CYTO-TECHNOLOGIST	Certificate	60 semester hours specified science requirements	Johns Hopkins Hospital 601 North Broadway Baltimore, Maryland 21205	1 year		$1800	Yes	
DENTAL ASSISTANT	Certificate	High School Diploma or Equivalent	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	35 weeks	September	$300 resident of Baltimore City	Yes	University of Md. School of Dentistry Provident Hospital City Hospitals Kennedy Institute City Health Department
	A.A. Degree	High School Diploma or Equivalent or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	2 academic years	August January	$425 resident of Montgomery County	Yes	Naval Dental School Walter Reed Army Hospital Dental Clinic Private Dental Offices

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
DENTAL ASSISTANT (Continued)	Certificate	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	11 months	August January	$425 resident of Montgomery County	Yes	
	A.A. Degree	High School Diploma or Equivalency	Prince George's Community College 301 Largo Road Largo, Maryland 20027	2 academic years	September	$10.50 per credit, resident of Prince George's County	Yes	V.A. Hospital, Washington, D.C. Prince George's County Public Health Clinic
DENTAL HYGIENIST	A.A. Degree	High School Diploma or Equivalency	Allegany Community College 340 N. Frederick St. Cumberland, Maryland 21502	2 academic years	September	$250 resident of Allegany County	Yes	Allegany Community College Laboratory and other facilities
	A.A. Degree	High School Diploma or Equivalent	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Provident Hospital City Hospitals Kennedy Institute City Health Department Buses and District Health Clinics
	Transfer to University of Maryland at Baltimore for B.S.	High School Diploma (science-math)	University of Maryland Baltimore County 5401 Wilkens Avenue Baltimore, Maryland 21228	2 years at UMBC; 2 years at U. of Md., Baltimore	September	$500 resident of Maryland	None	University of Maryland at Baltimore

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
DENTAL HYGIENIST (Continued)	B.S. Degree	High School Diploma (Chemistry) or 2 years college with pre-professional courses completed or Registered dental hygienists	University of Maryland School of Dentistry 666 W. Baltimore St. Baltimore, Maryland 21201	4 years	September	$460 for Maryland resident; $850 non-resident	Yes	Various, including University of Md. Hospital, County Health Departments Bureau of Home Service Participation in school and community Dental Health Programs
	A.A. Degree	High School Diploma or Equivalent	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	University of Maryland School of Dentistry
DENTAL TECHNOLOGIST	A.A. Degree	High School Diploma or Equivalent or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	2 academic years	August January	$415 resident of Montgomery County	Yes	Walter Reed Army Hospital General Facility Rothstein Dental Laboratory Latos Dental Laboratory
DIETARY AIDE	Certificate	None	Prince George's General Hospital Cheverly, Maryland 20785	4 weeks	as needed	None	On salary	None
DIETARY TECHNICIAN	A.A. Degree	High School Diploma or Equivalent	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September February July	$300 resident of Baltimore City	Yes	Various

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
DIETITIAN AND NUTRITIONIST	B.S. Degree	High School Diploma	Hood College Frederick, Maryland	4 years	September and January	$2,200	Yes	
	B.S. Degree	High School Diploma with C average	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	4 academic years	September	$460*	Yes	
	B.S. Degree	High School Diploma	University of Maryland College Park, Maryland 20740	4 years	September	$500 resident of Maryland	Yes	
DOCTOR OF PUBLIC HEALTH	Dr.P.H.	M.P.H. Degree	The Johns Hopkins University School of Hygiene and Public Health 615 North Wolfe St. Baltimore, Maryland 21205	2 to 3 years, depending on background	September	$42.50 per credit hour; $675 per quarter	Yes, or part-time study	
ELECTRO-ENCEPH-ALOGRAPH TECHNICIAN	Certificate	Selection via job performance	Johns Hopkins Hospital 601 North Broadway Baltimore, Maryland 21205	3–6 months		None	OJT	
EMERGENCY ROOM TECHNICIAN		High School Diploma or Equivalent	Baltimore County General Hospital Old Court Road Randallstown, Maryland 21133	6 months	as needed	none	none	none

* *Includes everything except room and board*

Title	Degree or Certificate	Entrance Require-ments	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
FAMILY HEALTH ADVOCATE	Certificate 1 semester college credit, if desired	Screening; Community residents	Johns Hopkins School of Health Services & East Baltimore Medical Program	6 months		None, or Community College tuition for credits	Stipends	
FOOD SERVICE AD-MINISTRATOR	A.A. Degree	State Hospital employee with High School Diploma or Equivalent†	Maryland State Dept. of Health and Mental Hygiene, Manpower Development and Training Career Advancement Programs*	Varies	September or February	Based on educational institution	Work-study at full salary	Local community colleges
GERIATRIC-CHRONIC DISEASE NURSING	B.S. Degree (beginning 1973)	Registered Nurse with A.A. Degree; R.N. with Diploma	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience (to be de-termined for R.N. with diploma)	September	$460**	Federal scholarships and loans; part-time, work-study	State Department of Health and Mental Hygiene East and West Baltimore Health Centers Sinai Hospital Nursing Homes

† Must have one-year State service and a minimum of 12 prior credits within degree program, and must agree to remain in employment with the Department of Health and Mental Hygiene for specified time.

** Application is made through Personnel Office of employing institution.*

*** Includes everything except room and board*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
HEALTH AIDE	Certificate	8th grade;** Referral from Department of Employment Security, C.A.A. components: C.E.P., W.I.N., Vocational Rehabilitation	Baltimore City Health Department American Building Baltimore, Maryland 21202	6 months	Varies	None	Yes	Various hospitals, Health Department divisions, Clinics
	Certificate	Reading and Arithmetic Levels 6.5	Calvert Education Center 200 East North Ave. Baltimore, Md. 21202	6 months	February	None	Yes, CEP††	Southern District Health Center
HEALTH CARE AND HOSPITAL ADMIN-ISTRATION	M.A. in H.C.A.; M.A. in L.T.C.;† M.B.A. in H.C.A. or M.P.A. in H.C.A.*	Bachelor's degree with satisfactory undergraduate performance and selected admission tests	George Washington University Washington, D.C.	2 to 3 years	Fall Spring Summer	$3,100	Yes	Various Health Institutions and Agencies nationwide

** *High School Equivalency preparation is included in training program. Those who pass the High School Equivalency Examination and who complete the six month course may receive college credit from the Community College of Baltimore or Morgan State College toward further study in the health field.*

† *Long term Care*

* *Health Care Administration*

†† *Concentrated Employment Program*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
HEALTH CARE OCCUPATIONS**	High School graduate through college graduate degree	One year productive employment at Holy Cross Hospital	Holy Cross Hospital of Silver Spring 1500 Forest Glen Rd. Silver Spring, Md.	Varies	Varies	Varies with educational affiliate	Full reimbursement upon successful completion	All metropolitan Baltimore and Washington educational institutions
HEALTH EDUCATION	B.S. Degree	High School Diploma	Towson State College Towson, Maryland, 21204	4 years	September, January, June	$200 Maryland residents	Yes	None
HEALTH EDUCATION PERSONAL		Diabetics and their families; Families of coronary patients	Baltimore County General Hospital Old Court Road Randallstown, Maryland 21133	6 weeks	October	none	none	none
HISTO-PATHOLOGY TECHNICIAN	None	High School Diploma or Equivalency	Johns Hopkins Hospital 601 North Broadway Baltimore, Maryland	1 year		None	Stipend	
HOSPITAL MANAGEMENT	A.A. Degree or certificate	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 academic years for A.A.; 23 credits for certificate	September February June	$225 residents of Baltimore County	Yes	Various hospitals, through the Cooperative Training Program
HOSPITAL PLANT ENGINEERING ASSISTANT	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September February	$300 resident of Baltimore City	Yes (or part-time study)	

** *Employees may take any course or program degree or otherwise, if it is job-related or to up-grade their present position.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
HUMAN SERVICES ASSOCIATE	A.A. Degree	High School Diploma or Equivalency	Anne Arundel Community College Jones Station Road Arnold, Maryland 21012	2 academic years	September	$300 resident Anne Arundel County	Yes	Maryland Association for Health and Mental Hygiene, Crownsville State Hospital
HUMAN SERVICES TECHNOLOGY*	A.A. Degree	High School Diploma or Equivalency	Garrett Community College McHenry, Maryland 21541	2 academic years	September	$150 resident of Garrett County	Yes	
INHALATION THERAPY TECHNICIAN	Certificate	College degree, preferably B.S.	Peninsula General Hospital Locust and South Division Streets Salisbury, Maryland 21801	12 months	September	None	Yes	None
LABORATORY TECHNOLOGIST	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Provident Hospital, Church Home and Hospital, Baltimore Biological Laboratories, Hemex Center—Medical Laboratory Services
MASTER OF HEALTH SCIENCES	M.H.S.	Bachelor's degree	The Johns Hopkins University School of Hygiene and Public Health 615 North Wolfe St. Baltimore, Maryland 21205	1 to 2 years	September	$42.50 per credit hour; $675 per quarter	Yes, or part-time study	

** Option in Health Services Aide and Nutrition Aide. Program now being developed in conjunction with County Health Department.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MASTER OF PUBLIC HEALTH	M.P.H.	Bachelor's Degree† Health Work Experience	The Johns Hopkins University School of Hygiene and Public Health 615 North Wolfe St. Baltimore, Maryland 21205	9 months	September	$42.50 per credit hour; $675 per quarter	Yes, or part-time study	
MATERNAL AND CHILD CARE NURSING	B.S. Degree (beginning 1973)	Registered Nurse with A.A. Degree; R.N. with diploma	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience (to be determined for R.N. with diploma)	September	$460*	Federal scholarships and loans; part-time work-study	Provident Comprehensive Neighborhood Health Center East and West Baltimore Health Centers Baltimore City Health Department State Department of Health and Mental Hygiene
MEDICAL ASSISTANT	A.A. Degree	High School Diploma or Equivalent	Villa Julie College Green Spring Valley Road Stevenson, Maryland 21153	18 months (includes 90 hrs. work in office)	September	$1300	Yes	None
MEDICAL LABORATORY ASSISTANT	A.A. Degree	High School Diploma or Equivalency	Cecil Community College North East, Maryland 21901	9 months plus 12 months clinical experience	September	$300 resident of Cecil County	Yes	Union Hospital

* *Includes everything except room and board*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MEDICAL LABORATORY ASSISTANT (Continued)	Certificate	High School Diploma or Equivalency	Cecil Community College North East, Maryland 21901	12 months including clinical experience	September	$300 resident of Cecil County	Yes	Union Hospital
	A.A. Degree	High School Diploma or Equivalency	Prince George's Community College 301 Largo Road Largo, Maryland 20027	2 academic years	September	$10.50 per credit, resident of Prince George's County	Yes	Prince George's General Hospital
MEDICAL LABORATORY TECHNICIAN	A.A. Degree	High School Diploma or Equivalent	Catonsville Community College 800 S. Rolling Road Baltimore, Maryland 21228	2 academic years	September or February	$225 resident of Baltimore County	Yes	St. Agnes Hospital, Baltimore County General Hospital
	A.A. Degree	High School Diploma, ACT, Physical Examination, Interview, References	Chesapeake College Wye Mills, Maryland 21679	2 academic years	September January	$350, residents of Caroline, Kent, Talbot, Queen Anne's counties	Yes, and work-study	Easton Memorial Hospital, Dorchester General Hospital, Kent and Queen Anne's Hospital
	A.S. Degree	High School Diploma	Columbia Union College Takoma Park, Maryland 20012	21 months	September January	$1,728	Some	Washington Sanitarium and Hospital
	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 years	September	$225 resident Baltimore County	Yes	Franklin Square Hospital

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MEDICAL LABORATORY TECHNICIAN (Continued)	A.A. Degree	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	2 academic years plus one summer	August January June	$420 resident of Montgomery County	Yes	Numerous hospitals and agencies in Montgomery County, Washington, D.C., and Virginia
	A.A. Degree†	High School Diploma; ACT Biology, Chemistry Area	Hagerstown Junior College 751 Robinwood Drive Hagerstown, Maryland 21740	2 years	September	$250 resident of Washington County	Yes	Newton D. Baker Veterans Hospital, Brook Lane Psychiatric Center
MEDICAL LIBRARIAN	M.L.S. Degree	Bachelor's degree	University of Md. School of Library and Information Services Undergraduate Library University of Md. College Park, Maryland	1 year (36 credit hours)	September	$39 per credit, resident of Md.	Yes	None
MEDICAL RECORD AD-MINISTRATOR	B.S. Degree	*	United States Public Health Service Hospital Health Record Administration Program 3100 Wyman Park Drive Baltimore, Maryland 21211	11 months	July	none	Yes	None

† On completion of A.A. Degree, students may transfer to senior college or university for B.S. Degree. Hagerstown Junior College program established in cooperation with Shepard College, Shepardstown, West Virginia.

** Students from Colby Junior College, which offers the first three years toward the baccalaureate degree, may enroll at the USPHS Health Record Administration Program for their final hospital year, after which time they may be eligible for the B.S. Degree in Medical Record Administration (providing their work at Colby Junior College includes the fundamentals of statistics and 12 semester hours of biological science of which a laboratory course in human anatomy and physiology are a part). The existing 11-month program at the Health Record Administration Program offers a certificate to those successfully completing it.*

Title	Degree or Certificate	Entrance Require-ments	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MEDICAL RECORD AD-MINISTRATOR (Continued)	Certificate	Bachelor's Degree	United States Public Health Service Hospital Health Record Administration Program 3100 Wyman Park Drive Baltimore, Maryland 21211	11 months	July	none	Yes	Colby Junior College New London, New Hampshire
MEDICAL RECORD TECHNICIAN	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Sinai Hospital, Johns Hopkins Hospital, Provident Hospital
MEDICAL SECRETARY	A.A. Degree	High School Diploma or Equivalency	Anne Arundel Community College Jones Station Road Arnold, Maryland 21012	2 academic years	September	$300 resident Anne Arundel County	Yes	Anne Arundel General Hospital
	A.A. Degree	High School Diploma or Equivalency	Catonsville Community College 800 S. Rolling Road Baltimore, Maryland 21228	2 academic years	September	$225 resident of Baltimore County	Yes, or part-time study	None
	Certificate	High School Diploma	Columbia Union College Takoma Park, Maryland 20012	24 months	September	$1,728	Some	
	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	None
	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 years	September February June	$225 resident of Baltimore County	Yes	None

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MEDICAL SECRETARY (Continued)	A.A. Degree	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	2 academic years	August January	$415 resident of Montgomery County	Yes	None
	A.A. Degree	High School Diploma or Equivalent	Villa Julie College Green Spring Valley Road Stevenson, Maryland 21153	18 months (includes 90 hrs. work in office)	September	$1300	Yes	None
MEDICAL TECHNOLOGIST	B.S. Degree	High School Diploma or M.L.T. certification	Columbia Union College Takoma Park, Maryland 20012	42 months	September January	$1,728	Some	Washington Sanitarium and Hospital
	B.S. Degree	High School Diploma or Transfer students	Loyola College 4501 N. Charles Street Baltimore, Maryland 21210	3 academic years, 12-month internship	September	$1500	Yes	Mercy Hospital
	B.S. Degree	Three years college	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	12 months†	June	$460*	Yes, through hospital	Union Memorial Hospital, St. Joseph's Hospital
	B.S. Degree	High School Diploma	Towson State College Towson, Maryland 21204	4 years	September	$200 Maryland Residents	Yes	St. Joseph's Hospital, Union Memorial Hospital

** Includes everything except room and board*

† Usually senior year substitution in affiliated hospital for biology majors

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MEDICAL TECHNOLOGIST (Continued)	Certificate	3 years of college	United States Public Health Service Hospital School of Medical Technology 3100 Wyman Park Drive Baltimore, Maryland 21211	12 months	July	None	Yes	None
	M.S. Degree	B.S. Degree*	University of Maryland Redwood and Greene Streets Baltimore, Maryland 21201	2 years (36 credit hours)	September January	$39 per credit (resident of Maryland)		University of Maryland Hospital
	B.S. Degree and Certificate	3 years college, including 16 hours chemistry; 16 hours biology	University of Maryland Redwood and Greene Streets Baltimore, Maryland 21201	50 weeks	June	$500 resident of Maryland	Yes	University of Maryland Hospital
	Transfer to University of Maryland at Baltimore for B.S.	High School Diploma (science-math)	University of Maryland Baltimore County 5401 Wilkens Avenue Baltimore, Maryland 21228	3 years at UMBC; 1 year at U. of Md., Baltimore	September	$500 resident of Maryland	None	University of Maryland at Baltimore
MEDICAL TRANSCRIBER	Certificate	High School Diploma or Equivalency (Typing)	Prince George's General Hospital Cheverly, Maryland 20785	3 months classroom; 2 months OJT	Varies	None	Yes, training salary	None

** Bachelor's degree applicants who do not have their degree in Medical Technology must complete additional clinical indoctrination before being accepted for the graduate program. A.A. Degree recipients (ASCP—Medical Laboratory Technician)—may apply at another college to complete the prerequisites outlined.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MENTAL HEALTH ADMINISTRATION	M.A. in L.T.C.*	Bachelor's degree with satisfactory undergraduate performance and selected admission tests	George Washington University Washington, D.C.	2 to 3 years	Fall Spring Summer	$3,100	Yes	Various Health Institutions and Agencies nationwide
MENTAL HEALTH ASSOCIATE	A.A. Degree	High School Diploma or Equivalency	Catonsville Community College 800 S. Rolling Road Baltimore, Maryland 21228	2 academic years	September	$225 resident of Baltimore County	Yes, or part-time study	Spring Grove State Hospital, Crownsville State Hospital, and others
	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 years	September February June	$225 resident of Baltimore County	Yes	Baltimore County Health Department
	A.A. Degree	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	20 months (2 academic years plus one summer)	August January	$405 resident of Montgomery County	Yes	Numerous hospitals and agencies in Montgomery County and Washington, D.C.
MENTAL HEALTH CLINICIAN	A.A. Degree	High School Diploma or Equivalency	Prince George's Community College 301 Largo Road Largo, Maryland 20027	2 academic years	September	$10.50 per credit, resident of Prince George's County	Yes	Various community agencies

* *Long Term Care*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MENTAL HEALTH COUNSELOR	M.S. Degree	B.A. Women over 35; Autobiography	Johns Hopkins Hospital and School of Medicine 725 N. Wolfe Street Baltimore, Maryland 21205	2 years plus 1 year internship	September	$2700	Stipend during internship	
MENTAL HEALTH SPECIALIST	B.S. Degree from Towson State; Certificate from Sheppard and Enoch Pratt Hospital	128 undergraduate credits	The Sheppard and Enoch Pratt Hospital 6501 N. Charles Street Towson, Maryland 21204	4 academic years	September	$200 for Maryland residents (Towson State tuition)	Yes	Collaborative between Towson State College (psychology department) and Sheppard and Enoch Pratt Hospital
MENTAL HEALTH TECHNOLOGIST	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Spring Grove State Hospital Kennedy Institute Many others
	A.A. Degree	State Hospital employee with High School Diploma or Equivalent†	Maryland State Department of Health and Mental Hygiene, Manpower Development and Training Career Advancement Programs*	Varies	September or February	Based on educational institution	Work-study at full salary	Local community colleges

† Must have one-year State service and a minimum of 12 prior credits within degree program, and must agree to remain in employment with the Department of Health and Mental Hygiene for specified time.

** Application is made through Personnel Office of employing institution.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NEUROMETRIC TECHNICIAN	None	High School graduate with previous training as laboratory technician	Johns Hopkins Hospital 601 North Broadway Baltimore, Maryland 21205	6 months	Varies	None		
NUCLEAR MEDICINE TECHNICIAN	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 years	September	$225 resident of Baltimore County	Yes	Johns Hopkins Hospital
NURSING HOME ADMINISTRATION	M.A. in H.C.A.*; M.A. in L.T.C.†; M.B.A. in H.C.A. or M.P.A. in H.C.A.	Bachelor's degree with satisfactory undergraduate performance and selected admission tests	George Washington University Washington, D.C.	2 to 3 years	Fall Spring Summer	$3,100	Yes	Various Health Institutions and Agencies nationwide
NURSING TECHNICIAN	None	High School Diploma or Equivalent; Medical Corps	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	8 weeks		None	Stipend	

* *Health Care Administration*
† *Long Term Care*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE ANESTHETIST	Certificate from Johns Hopkins; Eligibility to request examination by American Association of Nurse Anesthetists for C.R.N.A. (Certified Registered Nurse—Anesthetist)	R.N. (currently registered in at least one state)	Johns Hopkins Hospital Broadway and Monument St. Baltimore, Maryland 21205	2 years	September	$100 for total program	Salary: Monthly—$450/1st year; $500/2nd year	The Johns Hopkins University School of Medicine
	Certified Registered Nurse Anesthetist	R.N.	Prince George's General Hospital Cheverly, Maryland 20785	400 hours—classroom 600 hours—clinical	September	Tuition and fees to George Washington University	Yes, stipend	None
NURSE LICENSED PRACTICAL	Certificate	High School Graduate or Equivalent	Anne Arundel General Hospital Annapolis, Maryland	12 months	September	$100	Yes	None
	Certificate	High School Diploma or Equivalency	Baltimore City Hospitals 4940 Eastern Avenue Baltimore, Maryland 21224	12 months (includes 830 hours clinical experience)	September	None	Yes	Baltimore City Hospitals

Title	Degree or Certificate	Entrance Require-ments	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, LICENSED PRACTICAL (Continued)	Certificate	High School Diploma or Equivalency	Calvert Education Center 200 East North Avenue Baltimore, Maryland 21202	12 months	February	*	None	Sinai Hospital
	Certificate	Successful completion of 10th grade	Calvert Education Center 200 East North Avenue Baltimore, Maryland 21202	12 months	May	None	Yes, WIN†	Provident Hospital
	Certificate	Successful completion of 10th grade	Calvert Education Center 200 East North Avenue Baltimore, Maryland 21202	12 months	September	None	Yes, MDTA‡	Mercy Hospital
	Certificate	Successful completion of the 10th grade	Calvert Education Center 200 East North Avenue Baltimore, Maryland 21202	12 months	October	None	Yes, CEP††	Lutheran Hospital
	Certificate	High School Diploma or Equivalency	Calvert Education Center 200 East North Avenue Baltimore, Maryland 21202	24 months (part-time)	February	**	None	Sinai Hospital
	Certificate	10th grade minimum	Dorchester General Hospital Box 349 Cambridge, Maryland	12 months	June	None	Yes, MDTA‡	Cooperating Agency: Easton Memorial Hospital (Pediatrics)

** Approximately $180 for uniforms, shoes, and textbooks, payable in installments*
† Work Incentive Program
‡ Manpower Development and Training Act
†† Concentrated Employment Program
*** Approximately $180 for uniforms, shoes, and textbooks, payable in installments.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, LICENSED PRACTICAL (Continued)	Certificate	10th grade minimum (Adults)	Frederick County Board of Education 115 East Church Street Frederick, Maryland 21701	12 months	September	None	Yes, MDTA††	Frederick Memorial Hospital
	Certificate	Age: 18 pref.; 10th grade minimum; U.S. Citizen; Tests and interview	Harford Memorial Hospital School of Practical Nursing Havre de Grace, Maryland	12 months	September	None	None	None
	Diploma (could continue for R.N.)	High School Diploma or Equivalency, or Early Admission with Board of Education Approval	Johnston School of Practical Nursing Union Memorial Hospital 33rd and Calvert Streets Baltimore, Maryland 21218	12 months (964 hours clinical experience)	June	$100	Yes	None
	Certificate eligibility to take State licensing examination	State hospital employee with High School Diploma or Equivalent†	Maryland State Department of Health and Mental Hygiene, Manpower Development and Training Career Advancement Programs*		September	None**	Full salary	Departmental Central School of Practical Nursing, Eastern Shore State Hospital, Springfield State Hospital

†† *Manpower Development and Training Act*

† *Priority given to employees with minimum one-year service and to Health Assistant I to III; selection made after interviews, tests, and recommendations of local selection committees.*

* *Application should be made through local Employee Training Specialist or Director of Nursing.*

** *Student is responsible for uniforms, books, graduation and other fees.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, LICENSED PRACTICAL (Continued)	Certificate	High School Diploma or Certificate	Prince George's General Hospital Cheverly, Maryland 20785	50 weeks	September	$125 plus books and uniforms	Yes, MDTA*	None
	Certificate	High School Diploma	Sacred Heart Hospital 900 Seton Drive Cumberland, Maryland 21502	12 months	June	None	Yes, MDTA*	Sacred Heart Hospital
	Certificate	High School Diploma or Equivalent	South Baltimore General Hospital 3001 S. Hanover Street Baltimore, Maryland 21230	12 months	September	$50	Yes	South Baltimore General Hospital
	Certificate	10th grade minimum	Suburban Hospital Association 8600 Old Georgetown Road Bethesda, Maryland	12 months	September	None	Yes, MDTA*	None
	Certificate	High School Diploma or Equivalency	Washington Sanitarium and Hospital Takoma Park, Maryland 20012	12 months	September	$400	Yes	None
NURSE, MIDWIFE	Master of Public Health, (M.P.H.) Certified Nurse Midwife (C.N.M.)	R.N. with B.S. degree	Johns Hopkins School of Hygiene and Public Health 615 North Wolfe Street Baltimore, Maryland 21205	2 years	September	$42.50 per credit hour; $675 per quarter	Stipends	The Johns Hopkins Hospital and various others nation-wide

* *Manpower Development and Training Act*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, REGISTERED	A.A. Degree	High School Diploma or Equivalency	Allegany Community College 340 N. Frederick Street Cumberland, Maryland 21502	2 academic years	September	$250 resident of Allegany County	Yes	Memorial Hospital, Sacred Heart Hospital
	A.A. Degree	High School Diploma or Equivalency	Anne Arundel Community College Jones Station Road Arnold, Maryland 21012	2 academic years	September	$300 resident of Anne Arundel County	Yes	North Arundel Hospital, Crownsville State Hospital, Anne Arundel General Hospital, South Baltimore General Hospital
	A.A. Degree	High School Diploma or Equivalency	Catonsville Community College 800 South Rolling Road Baltimore, Maryland 21228	2 academic years	September	$225 resident of Baltimore County	Yes, or part-time study	St. Agnes Hospital, Bon Secours Hospital, Greater Baltimore Medical Center, Sheppard-Pratt Hospital, Happy Hills Hospital
	Diploma	High School Graduate (chemistry and other science)	Church Home and Hospital Broadway and Fayette Street Baltimore, Maryland 21231	33 months	September	$1,827 (includes everything except uniforms)	Yes	Community College of Baltimore, Pediatric Nursing, Psychiatric Nursing
	B.S. Degree	High School Diploma	Columbia Union College Takoma Park, Maryland 20012	40 months	September	$1,728	Some	Washington Sanitarium and Hospital

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, REGISTERED (Continued)	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Children's Hospital, U.S.P.H.S. Hospital, St. Joseph's Hospital, Johns Hopkins Hospital, Kernan Hospital, Lutheran Hospital, Provident Hospital, Sheppard-Pratt Hospital, Taylor Manor Hospital, Keswick Nursing Home,
	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 academic years	September February June	$225 resident of Baltimore County		Cooperating Agencies: Baltimore City Hospitals, Franklin Square Hospital, In process of establishing cooperation: Baltimore County General Hospital Fort Howard V.A. Hospital
	A.A. Degree	High School Diploma or Equivalency	Frederick Community College North Market Street Frederick, Maryland 21701	2 academic years	September	$300 resident of Frederick County	Yes	Frederick Memorial Hospital, Frederick Convalescent and Nursing Home, V.A. Hospital—Martinsburg, Western Maryland State Hospital, Brook Lane Psychiatric Center

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, REGISTERED (Continued)	A.A. Degree	High School Diploma or Equivalency	Hagerstown Junior College 751 Robinwood Drive Hagerstown, Maryland 21740	2 academic years	September	$250 resident of Washington County	Yes	Washington County Hospital, Brook Lane Psychiatric Center
	A.A. Degree	High School Diploma or Equivalency	Harford Community College 401 Thomas Run Road Bel Air, Maryland 21014	120 weeks	August or September	$300 resident of Harford County	Yes	Harford Memorial Hospital, Greater Baltimore Medical Center, Sinai Hospital, Perry Point V.A. Hospital, Citizens Nursing Home, Union Hospital, Elkton
	A.A. Degree	High School Diploma or Equivalency	Howard Community College Little Patuxent Parkway Columbia, Maryland 21044	2 academic years	September	$300 resident of Howard County	Yes	Montgomery General Hospital, Taylor Manor Hospital, Columbia Hospital and Clinics Foundation, Clifton T. Perkins State Hospital, Other community agencies
	Diploma	High School Diploma (see School Catalog)	Macqueen Gibbs Willis School of Nursing The Memorial Hospital Easton, Maryland 21601	32 months	September	$600 plus fees, room and board	Yes	Psychiatric Nursing: Eastern Shore State Hospital, Cambridge, Maryland

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, REGISTERED (Continued)	Diploma	High School Diploma (academic-science oriented)	Maryland General Hospital School of Nursing 827 Linden Avenue Baltimore, Maryland 21201	33 months	September	$1200 total for 3 years	Yes	Community College of Baltimore Spring Grove State Hospital (Psychiatric) Johns Hopkins Hospital (Pediatric)
	A.A. Degree	State Hospital employee with High School Diploma or Equivalent†	Maryland State Department of Health and Mental Hygiene, Manpower Development and Training Career Advancement Programs*	Varies	September	Based on educational institution	Work-study at full salary	Local community colleges
	A.A. Degree	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	2 academic years	August January	$430 resident of Montgomery County	Yes	Numerous hospitals in Montgomery County and Washington, D.C.
	Diploma	High School Diploma	Peninsula General Hospital Locust and South Division Streets Salisbury, Maryland 21801	22 months	September	$800	Yes	Salisbury State College
	A.A. Degree	High School Diploma or Equivalency	Prince George's Community College 301 Largo Road Largo, Maryland 20027	2 academic years	September	$10.50 per credit, resident of Prince George's County	Yes	Prince George's General Hospital and others

† *Must have one-year State service and a minimum of 12 prior credits within degree program, and must agree to remain in employment with the Department of Health and Mental Hygiene for specified time.*
* *Application is made through Personnel Office of employing institution.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, REGISTERED (Continued)	Diploma	High School Diploma and Pre-nursing Tests	Provident Hospital, Inc. 2600 Liberty Heights Avenue Baltimore, Maryland 21215	29 months	September	$181.50	Yes	Community College of Baltimore, Children's Hospital (Baltimore), Baltimore City Hospitals
	Diploma plus 26 college credits	High School Diploma—high achievement in academic/ science-oriented curriculum Entrance and Physical examinations; Personal interview	St. Joseph Hospital School of Nursing 7620 York Road Baltimore, Maryland	27 months	September	$1,320†	Yes	Catonsville Community College, Springfield State Hospital (1 week)
	Diploma	High School Diploma*	Sinai Hospital of Baltimore Belvedere Avenue at Greenspring Baltimore, Maryland 21215	29 months	September	*	Yes	Towson State College, Sheppard-Pratt Hospital
	B.S. Degree	Based on grades, rank and admissions tests	Towson State College Towson, Maryland 21204	4 years	September	$200 Maryland residents		Sinai Hospital

† Total of 27 months: includes tuition, fees, textbooks, uniforms, graduation fee; does not include room and board.
** Contact School of Nursing directly for information.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, REGISTERED (Continued)	Diploma (could continue for A.A. or B.S.N.)	High School Diploma or Equivalency or Early Admission with Board of Education Approval	Union Memorial Hospital 33rd and Calvert Streets Baltimore, Maryland 21218	33 months (1905 hours clinical experience)	September	$660	Yes	Johns Hopkins University
	B.S. Degree	Eligibility for admission to University of Maryland as freshman or transfer student; includes Diploma and A.A. graduates	University of Maryland 655 W. Lombard Street Baltimore, Maryland 21201	4 years (less for registered nurses)	September	$500 resident of Maryland	Yes	University Hospital and Ambulatory Services; Mercy Hospital Clinical Center; Other institutions
NURSING AIDE		High School graduation preferred; 8th grade minimum	Frederick Memorial Hospital West Seventh Street Frederick, Maryland 21701	3 weeks (40 hours classroom, 80 hours supervised clinical practice)	as needed	None	Salary—on-the-job training	
NURSING ASSISTANT	Certificate	Reading and Arithmetic Levels 6.5	Calvert Education Center 200 East North Avenue Baltimore, Maryland 21202	4 months	October	None	Yes, MDTA*	Levindale Hebrew Home and Hospital

* *Manpower Development and Training Act*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSING ASSISTANT (Continued)	Certificate	High School Senior or graduate, minimum age: 17; physician's certificate for applicant 40 or older	Eugene Leland Memorial Hospital 4400 Queensbury Road Riverdale, Maryland 20840	80 hours class instruction; 60 hours clinical experience (two evenings per week)	January	None	None	None
	None	Age: 18 or older	Prince George's General Hospital Cheverly, Maryland 20785	6 weeks	as needed	None	On salary	None
		18 years of age; High School Diploma or Equivalent	Sinai Hospital of Baltimore Belvedere Avenue at Greenspring Baltimore, Maryland 21215	4 weeks	Every 5 weeks	None	Yes, full salary while training	
NURSING ASSISTANT I	None	Aptitude test; Interview; 10th grade equivalent	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	5 weeks		None	Stipends	
NURSING ASSISTANT II		One year's satisfactory experience at Baltimore County General	Baltimore County General Hospital Old Court Road Randallstown, Maryland 21133	3 months	as needed	None	None	None

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSING ASSISTANT II (Continued)	None	Nursing Assistant I; 1 year experience; Occupation Test	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	3 weeks		None	OJT	
NURSING ASSISTANT (I and II).	Certificate upon completion of Course I and entry into Course II	High School Graduate; 6 months employment at The Good Samaritan Hospital; Above average merit review	The Good Samaritan Hospital 5601 Loch Raven Blvd. Baltimore, Maryland 21239	1½ months; 26 class hours	Varies	None		None
NURSING ASSISTANT, TECHNICAL		One full year employment at Bon Secours as a nursing assistant	Bon Secours Hospital 2025 West Fayette Street Baltimore, Maryland 21231	6 weeks	as needed	None	Salary	None
NURSING ATTENDANT (MALE NURSING ASSISTANT)		High School graduation preferred; 8th grade minimum	Frederick Memorial Hospital West Seventh Street Frederick, Maryland 21701	2–3 weeks	as needed	None	Salary—on-the-job training	

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
OBSTETRIC PRACTITIONER	M.S. Degree (beginning 1974)	R.N. with B.S. Degree	Morgan State College Cold Spring Land and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience	September	$30 per credit hour	Federal scholarships and loans; part-time and work-study programs	State Department of Health and Mental Hygiene, East and West Baltimore Health Centers, Sinai Hospital, Nursing Homes
OCCUPATIONAL THERAPY ASSISTANT	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Numerous hospitals and agencies in Maryland and the District of Columbia
	Certificate	High School Diploma or Equivalency and client/ patient care experience	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	11 months (2 semesters and 1 summer)	September	$300 resident of Baltimore City	Yes	Numerous hospitals and agencies in Maryland and the District of Columbia
	A.A. Degree	State Hospital employee with High School Diploma or Equivalent†	Maryland State Department of Health and Mental Hygiene, Manpower Development and Training Career Advancement Programs*	Varies	September or February	Based on educational institution	Work-study at full salary	Local community colleges

† Must have one-year State service and a minimum of 12 prior credits within degree program, and must agree to remain in employment with the Department of Health and Mental Hygiene for specified time.

** Application is made through Personnel Office of employing institution.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
ORTHOPTIST	Certificate	A.A. Degree or B.A. Degree	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	15 months	Varies	$2,000/15 months (includes room and board)		
PEDIATRIC NURSE PRACTITIONER	None	R.N.	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	9 months	Varies	None	Stipend	
PEDIATRIC PRACTITIONER	M.S. Degree (beginning 1974)	R.N. with B.S. Degree	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience	September	$30 per credit hour	Federal scholarships and loans; part-time and work-study programs	State Department of Health and Mental Hygiene, East and West Baltimore Health Centers, Sinai Hospital, Nursing Homes
PHARMACIST	B.S. Degree in Pharmacy	High School Diploma and 2 years college (pre-professional)	University of Maryland School of Pharmacy 636 W. Lombard Street Baltimore, Maryland 21201	5 years*	September	$500	Yes	Various
PHYSICAL THERAPIST	Transfer to University of Maryland at Baltimore for B.S. Degree	High School Diploma (science-math)	University of Maryland Baltimore County 5401 Wilkens Avenue Baltimore, Maryland 21228	2 years at UMBC; 2 years at U. of Md., Baltimore	September	$500 resident of Maryland	None	University of Maryland at Baltimore

** Three years professional and 2 years pre-professional; includes 6 months clinical experience.*

Title	Degree or Certificate	Entrance Require-ments	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
PHYSICAL THERAPIST ASSISTANT	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Numerous hospitals and agencies city- and state-wide
PHYSICAL THERAPY ASSISTANT	A.A. Degree	State Hospital employee with High School Diploma or Equivalent†	Maryland State Department of Health and Mental Hygiene, Manpower Development and Training Career Advancement Programs*	Varies	September or February	Based on educational institution	Work-study at full salary	Local community colleges
PHYSICIAN'S ASSISTANT	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 years	September	$225 resident of Baltimore County	Yes	Franklin Square Hospital, Johns Hopkins Hospital
POLLUTION ABATEMENT TECHNOLOGIST	A.A. Degree	High School Diploma or Equivalency	Charles County Community College Mitchell Road, Box 910 La Plata, Maryland 20646	2 academic years	September	$336 resident of Charles County		
PSYCHIATRIC AIDE I and II		High School Diploma or Equivalent	The Sheppard and Enoch Pratt Hospital 6501 N. Charles Street Towson, Maryland 21204	2 weeks		None	On the job training	

† *Must have one-year State service and a minimum of 12 prior credits within degree program, and must agree to remain in employment with the Department of Health and Mental Hygiene for specified time.*

* *Application is made through Personnel Office of employing institution.*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
PSYCHIATRIC AIDE III	Certificate	Psychiatric Aide II	The Sheppard and Enoch Pratt Hospital 6501 N. Charles Street Towson, Maryland 21204	Promotion		None	On the job training	
PSYCHIATRIC NURSE ASSISTANT I and II	None	High School Diploma or Equivalency; 18 years or over; Mature and stable	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	3–10 weeks		None	Stipend	
PUBLIC HEALTH NURSING	B.S. Degree (beginning 1973)	Registered Nurse with A.A. Degree; Registered Nurse with Diploma	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months incl. clinical experience (to be determined for R.N. with diploma	September	$460*; $30 per credit hour	Federal scholarships and loans	Provident Comprehensive Neighborhood Health Center, East and West Baltimore Health Centers, Baltimore City Health Department, State Department of Health and Mental Hygiene
PULMONARY TECHNICIAN	None	High School graduate with some patient care experience	Good Samaritan Hospital 5601 Loch Raven Boulevard Baltimore, Maryland 21239	6 months		None	Stipend	

* *Includes everything except room and board*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
RADIATION SCIENCE**	A.A. Degree	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	2 academic years	August January	$425 resident of Montgomery County	Yes	None
RADIOLOGIC TECHNOLOGIST	Certificate	High School Diploma or Equivalency	Baltimore City Hospitals 4940 Eastern Avenue Baltimore, Maryland 21224	24 months (includes 3,052 hours clinical experience)	September	$100	Yes	University of Maryland School of Medicine
	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	30 months	July	$300 resident of Baltimore City	Yes	Sinai Hospital
	A.A. Degree	High School Diploma or Equivalency	Essex Community College Baltimore County, Maryland 21237	2 years	September	$225 resident of Baltimore County	Yes	Franklin Square Hospital
	Certificate	High School Diploma; Minimum age: 18	Greater Baltimore Medical Center 6701 North Charles Street Baltimore, Maryland 21204	24 months (Clinical experience minimum 2400 hours)	September	$100*	Yes	None

** *Prepares students as Radiation Health Technicians, or Nuclear Science Aides and Radiation Safety Specialists. Students may transfer to a 4-year program in atomic and nuclear research.*

* *Student pays for uniforms and textbooks*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
RADIOLOGIC TECHNOLOGIST (continued)	Certificate	Upper 50% of high school graduating class and high science scores	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	2 years		$100	Stipend	
	Certificate	High School Diploma	Maryland General Hospital 827 Linden Avenue Baltimore, Maryland 21201	24 months	July	$25	Yes	None
	Certificate	High School Diploma and GATB Test	Mercy Hospital 301 St. Paul Place Baltimore, Maryland 21202	24 months	September	None	None	None
	A.A. Degree	High School Diploma or Equivalency or 12 hours credit of C or better	Montgomery College Takoma Park, Maryland 20012	30 months	August January	$405 resident of Montgomery County	Yes	Montgomery General Hospital, Holy Cross Hospital, Providence Hospital, Rogers Memorial Hospital, Doctors Hospital, Georgetown University Hospital, National Institutes of Health

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
RADIOLOGIC TECHNOLOGIST (continued)	Certificate (Students can transfer credits to Salisbury State College for A.A. Degree)	High School Diploma	Peninsula General Hospital Locust and South Division Streets Salisbury, Maryland 21801	24 months	September	$280 (total program)	Yes	Salisbury State College
	B.S. Degree	62 credits pre-professional courses	University of Maryland Department of Radiology Redwood and Greene Streets Baltimore, Maryland 21201	48 months	September	$500	Yes	None
	Certificate	High School graduate	University of Maryland Department of Radiology Redwood and Greene Streets Baltimore, Maryland 21201	24 months	July	None	Yes	None
	Certificate	High School Diploma or Equivalency, Aptitude test	Washington Sanitarium and Hospital Takoma Park, Maryland 20012	24 months	September	None	Yes	None
RADIOLOGY TECHNOLOGIST ASSISTANT	None	High School Diploma; Aptitude test	Johns Hopkins Hospital 601 North Broadway Baltimore, Maryland 21205	6 months		None	Stipend	

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
RESPIRATORY THERAPIST	A.A. Degree	High School Diploma or Equivalency	Community College of Baltimore 2901 Liberty Heights Avenue Baltimore, Maryland 21215	2 academic years	September	$300 resident of Baltimore City	Yes	Union Memorial Hospital, Sinai Hospital, Good Samaritan Hospital, St. Agnes Hospital, Baltimore County General Hospital
SANITARY TECHNOLOGIST	Certificate	*	Charles County Community College Mitchell Road, Box 910 La Plata, Maryland 20646	96 hours	September	None for current employees	None	None
SOCIAL WELFARE WORKER (Ist Level)	B.A. Degree	High School Diploma	Morgan State College Cold Spring Lane and Hillen Road Baltimore, Maryland 21239	18 months including clinical experience	September	$460**	Scholarships; part-time and work-study programs	Baltimore City Department of Social Service, Community Schools, Baltimore City Department of Education, V.A. Hospitals, Good Samaritan Hospital, Johns Hopkins Hospital Department of Child Psychiatry, Echo House, Others
SOLID WASTE MANAGER	Certificate	High School Diploma or less	Charles County Community College Mitchell Road, Box 910 La Plata, Maryland 20646	1 year	September	$336 resident of Charles County	Yes	None

** Open to superintendents and operators of public and private waste water works; also for other interested persons*

*** Includes everything except room and board*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
SPEECH PATHOLOGIST-AUDIOLOGIST	B.A. Degree M.S. Degree	High School Diploma; S.A.T. Recommendations, Interview	Loyola College 4501 N. Charles Street Baltimore, Maryland 21210	4 academic years for B.A.; 30 credits for M.S.	September	$1500 $40 per credit	Yes	None (clinic on campus)
SPEECH PATHOLOGIST	B.S. Degree	High School Diploma	Columbia Union College Takoma Park, Maryland 20012	4 years	September	$1728	Some	
SURGICAL TECHNICIAN	Certificate	High School Diploma; Aptitude test; Screening; References	Johns Hopkins Hospital 601 N. Broadway Baltimore, Maryland 21205	6 months		None	Stipends	
WARD CLERK		High School graduation preferred	Frederick Memorial Hospital West Seventh Street Frederick, Maryland 21701	4 weeks	as needed	None	Salary—on-the-job training	
X-RAY TECHNICIAN	A.A. Degree	High School Diploma or Equivalency	Prince George's Community College 301 Largo Road Largo, Maryland 20027	2 academic years plus	September	$10.50 per credit, resident of Prince George's County	Yes	Prince George's General Hospital, V.A. Hospital (Washington, D.C.)
X-RAY TECHNICIAN (registered)	Certificate	High School Diploma	Provident Hospital, Inc. 2600 Liberty Heights Avenue Baltimore, Maryland 21215	24 months	January	None	Yes	University of Maryland Radiation Therapy Department, Provident Hospital Radiology Department

Title	Degree or Certificate	Entrance Require-ments	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
X-RAY TECHNOLOGIST	Certificate	High School Graduate or Equivalent	Anne Arundel General Hospital Annapolis, Maryland	24 months	July	$100	Yes, Stipend	None
	Certificate	High School Diploma	The Memorial Hospital Easton, Maryland 21601	24 months	July	None	Yes, Stipend	None
	Certificate	High School Diploma or Equivalency ACT and S-80 Exams	St. Agnes Hospital Wilkens and Caton Avenues Baltimore, Maryland 21229	24 months	September	None	Yes	None
	Certificate	High School Diploma	South Baltimore General Hospital 3001 S. Hanover Street Baltimore, Maryland 21230	24 months	July	None	Yes	University of Maryland Hospital
	Certificate	High School Diploma	Washington County Hospital Hagerstown, Maryland 21740	24 months	September	$50 plus tuition fees at Hagerstown Junior College	Yes, Stipend after 6 months; in-crease after one year	Hagerstown Junior College

PROGRAMS OFFERED
SECONDARY SCHOOLS

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
DENTAL ASSISTANT	High School Diploma and Certificate	Completion 10th grade	Vocational-Technical Center of Washington County Hagerstown, Maryland 21740	2 academic years	September	None	None	None
DENTAL LABORATORY TECHNOLOGY	High School Diploma and Certificate	Student	Forest Park Senior High School 4300 Chatham Road Baltimore, Maryland 21207	3 academic years	September	None	None	Local dental laboratories
HEALTH OCCUPATIONS	High School diploma with possibility for further study or full-time employment	11th grade student	Anne Arundel County Public Schools Box 951 Annapolis, Maryland 21404	2 academic years	September	None	Yes, Co-operative Work Experience	Annapolis General Hospital, North Arundel Hospital, Naval Academy Hospital, Kimbrough Hospital Fort Meade, South Baltimore General Hospital
	High School Diploma	11th grade student	Calvert County Vocational-Technical Center Prince Frederick, Maryland 20678	2 academic years	September	None	None	Calvert County Hospital

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
HEALTH OCCUPATIONS (Nursing Assistant and Medical Assistant)	High School Diploma and Certificates	10th grade Student	Howard Vocational-Technical Center 10920 Route 108 Ellicott City, Maryland 21043	30 months	September	None	None	Montgomery General Hospital, Springfield Hospital and Clinics, Inc., Summit Nursing Home, Physicians' Offices, Dental Offices, Veterinarians' Offices
HOSPITAL AIDE	Certificate	Special Education Student	High School #17 Calvert Education Center 200 E. North Avenue Baltimore, Maryland 21202	10 months	September	None	Yes, C.E.P.*	
MEDICAL ASSISTANT	Certificate	11th grade students with above average academic record	Allegany County Vocational-Technical Center McMullan Highway Cumberland, Maryland 21502	10 months	September	None	None	Lion's Manor Nursing Home, Sacred Heart Hospital
	High School Diploma and Certificate	12th grade student	Bladensburg Senior High School Bladensburg, Maryland 20710	1 academic year	September	None	None	Prince George's Hospital
	High School Diploma and Certificate	11th grade student; in Good attendance; One year typing	Cecil Vocational-Technical Center R.D. 1, Box 50-B North East, Maryland 21903	10 months	September	None	None	Perry Point Veterans Hospital, Area doctors offices or Union Hospital

* *Concentrated Employment Program*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
MEDICAL ASSISTANT (continued)	High School Diploma and Certificate	12th grade student	Crosslands Senior High School Camp Springs, Maryland 20031	1 academic year	September	None	None	Andrews Air Force Base Hospital
	High School Diploma and Certificate	10th grade student	Howard Vocational-Technical Center Ellicott City, Maryland 21043	3 academic years	September	None	None	Springfield State Hospital, Clark Manor Nursing Home
	Certificate	Secondary school student	Western Vocational-Technical Center 100 Kenwood Avenue Catonsville, Maryland 21228	2 academic years	September	None		Maryland General Hospital, University Hospital
NURSE, LICENSED PRACTICAL	High School Diploma and Certificate	11th grade	Carroll County Vocational-Technical Center 345 Washington Road Westminster, Maryland 21157	2 academic years	September	None	Yes, P.L. 90-576*	Carroll County General Hospital
	High School Diploma and Certificate	Student	Carver Vocational-Technical High School 2201 Pressman Street Baltimore, Maryland 21216	3 academic years	September	None	None	Provident Hospital
	High School Diploma and Certificate	11th grade student; Good average, attendance and exam results	Cecil Vocational-Technical Center R.D. 1, Box 50-B North East, Maryland 21903	22 months	September	None	None	Union Hospital, Calvert Manor Nursing Home

* *Public Law 90-576*

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSE, LICENSED PRACTICAL (continued)	High School Diploma and Certificate	Student	Frederick Douglass Senior High School #450 2301 Gwynns Falls Parkway Baltimore, Maryland 21217	19–20 months	September	None	None	Provident Hospital
	High School Diploma and Certificate	Student	Mergenthaler Vocational-Technical High School 3500 Hillen Road Baltimore, Maryland 21218	3 academic years	September	None	None	South Baltimore General Hospital
	High School Diploma and Certificate	11th grade student	Queen Anne's County High School Centreville, Maryland 21617	2 academic years	September	None	None	Kent and Queen Anne's Hospital House of Pines
	Certificate	12th grade student; Adults when space is available	St. Mary's County Technical Center Leonardtown, Maryland 20650	2 academic years	September	None for high school students; $25 per year for adults	None	St. Mary's Hospital, Naval Hospital, Patuxent Naval Base, St. Mary's Nursing Home
	High School Diploma and Certificate	Completion of 10th grade	Vocational-Technical Center of Washington County Hagerstown, Maryland 21740	2 academic years	September	None	None	Washington County General Hospital
	High School Diploma and Certificate	11th grade student; Adults if space is available	Wicomico Vocational-Technical Center Salisbury, Maryland 21801	2 academic years	September	None to students	None	Peninsula General Hospital, Deer's Head Hospital, Wicomico Nursing Home

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSING AIDE	Certificate	Student	Jane Addams School #296 2300 North Charles Street Baltimore, Maryland 21218	1 academic year	September	None	None	North Charles General Hospital
NURSING ASSISTANT	Certificate	11th grade students with above-average academic record (including chemistry)	Allegany County Vocational-Technical Center McMullan Highway Cumberland, Maryland 21502	10 months	September	None	None	Lion's Manor Nursing Home, Sacred Heart Hospital
	High School Diploma and Certificate	12th grade student	Bladensburg Senior High School Bladensburg, Maryland 20710	1 academic year	September	None	None	Prince George's General Hospital
	None	10th or 11th grade students	Caroline Vocational Center North Caroline High School Denton, Maryland 21629	2 academic years	September	None	Vocational Act, 1963 and 1968	Caroline Nursing Home, Denton, Maryland
	High School Diploma and Certificate	11th grade student; Good attendance	Cecil Vocational-Technical Center R.D. 1, Box 50-B North East, Maryland 21903	10 months	September	None	None	Union Hospital, Calvert Manor Nursing Home
	High School Diploma and Certificate	11th grade student	Crosslands Senior High School Camp Springs, Maryland 20031	2 academic years	September	None	None	Andrews Air Force Base Hospital
	Certificate	Secondary school student	Dundalk Vocational-Technical Center 325 Sollers Point Road Dundalk, Maryland 21222	2 academic years	September	None		Fort Howard Veterans Hospital

Title	Degree or Certificate	Entrance Requirements	Institution Offering Program	Program Length	Classes Begin	Tuition Per Year	Financial Assistance	Affiliations
NURSING ASSISTANT (continued)	Certificate	Secondary school student	Eastern Vocational-Technical High School Mace Avenue Essex, Maryland 21237	2 academic years	September	None		Nursing Homes
	High School Diploma and Certificate	10th grade student	Howard Vocational-Technical Center Ellicott City, Maryland 21043	3 academic years	September	None	None	Columbia Clinics and Hospital Foundation
	High School Diploma and Certificate	11th grade student	Kent County High School Worton, Maryland 21678	2 academic years	September	None	None	Magnolia Hall Kent and Queen Anne's Hospital Angel's Haven
	High School Diploma and Certificate	12th grade student	Sherwood High School 300 Olney-Sandy Spring Road Sandy Spring, Maryland 20860	1 academic year	September	None	None	Montgomery General Hospital
	Certificate	Secondary school student	Western Vocational-Technical Center 100 Kenwood Avenue Catonsville, Maryland 21228	2 academic years	September	None		St. Agnes Hospital Spring Grove State Hospital
	High School Diploma and Certificate	11th grade student	Worcestor Vocational-Technical Center Newark, Maryland 21841	2 academic years	September	None	None	Wicomico Nursing Home
NURSING HOME AIDE	Certificate	Student	Venable Junior High School 700 East 34th Street Baltimore, Maryland 21218	10 months	September	None	None	American Red Cross

SCHOLARSHIPS, GRANTS AND LOANS

LISTED BY HEALTH PROFESSION

This section covers some of the increasing opportunities for financial assistance for health career students. The Financial Aid Offices of schools or colleges should be contacted for other funding sources.

AUDIOLOGY AND SPEECH PATHOLOGY

The publications "Opportunities for Graduate Education in Speech Pathology" and "Guide to Graduate Training in Speech Pathology and Audiology" give specific financial information. For additional information, write: American Speech and Hearing Assn., 9030 Old Georgetwon Rd., Washington, D.C., 20014.

CERTIFIED LABORATORY ASSISTANT

The Veterans Administration offers help to students in the form of a stipend averaging about $107 per month. The program is conducted in connection with the Veterans Hospitals. Fifty such scholarships were awarded for the year 1969–1970. For information, write to: Pathology and Allied Sciences Service, Veterans Administration, Washington, D.C. 20420

DENTISTRY

Loans for dental students are available from schools through the American Fund for Dental Education, United Students Assistance Fund, Health Professions Educational Assistance Act, and the National Defense Education Act. Information on loans available may also be obtained by writing the American Assn. of Dental Schools, 211 E. Chicago Ave., Chicago, Illinois 60611.

AFDE Dental Scholarships. The American Fund for Dental Education Scholarships provides up to $12,500 for five years of schooling. As much as $2,500 can be received for the final year of pre-dental education in college and for each of the four years of dental school. Scholarships are for use towards school expenses and living costs. Any black student preparing to enter his senior, junior or sophomore year in college is eligible. Students entering dental school, or already in dental school, are not eligible. Consideration will be given on the basis of academic background, financial need and character. Grades are important, but any student with an interest in dentistry is urged to apply.

Deadline for applying is July 1st for study beginning in September. Selections are announced in August. Write to: American Fund for Dental Education, 211 E. Chicago Avenue, Chicago, Illinois 60611.

Other Financial Aid Information on Dentistry: "Admission Requirements of American Dental Schools" is published annually by the American Association of Dental Schools. It is available at $2.00 per copy from: The American Association of Dental Schools, 211 E. Chicago Avenue, Chicago, Illinois 60611.

See **Health Professions Student Loan Program** under "LOANS-GENERAL".

DENTAL ASSISTANT

The American Dental Assistants Association offers awards of $200 each from the Juliette A. Southard Scholarship Trust Fund to students in that field. For information, write: American Dental Assistants Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

DENTAL HYGIENIST

The American Dental Hygienists Association's Educational Trust Fund annually provides eight scholarships for dental hygiene students in the United States. Recipients are selected from applicants throughout the country and must have been enrolled for at least one year in academic dental hygiene education. Contact: The American Dental Hygienists' Association, 211 E. Chicago Avenue, Chicago, Illinois 60611.

DENTAL TECHNICIAN

Dental Laboratory Technology Scholarships Offered by American Fund for Dental Education. Applicants must have a high school diploma. Scholarships may be awarded for the first or second year of dental laboratory technology school. For a listing of approved programs and scholarship information write: American Fund for Dental Education, 211 E. Chicago Avenue, Chicago, Illinois 60611. Deadline for filing is July 1st. Awards will be announced in August for training programs beginning in September.

FOOD TECHNOLOGIST

Food Services Executives Association offers scholarships of $250 to $500 to students in the food service field. Deadline for applications is March 1 preceding entry. For information, write to: Food Services Executives Association, 815 Anthony Wayne Bank Building, Fort Wayne, Indiana 46802.

Institute of Food Technologists administers fellowships and scholarships to students pursuing a program leading to a degree in the general field of Food Technology or Food Science. During tenure of a fellowship or scholarship, recipients must be enrolled in a recognized U.S. or Canadian educational institution.

Freshman (deadline date February 15th) and Sophomore (deadline date April 1st) scholarships: Thirty $500 awards. Junior and Senior scholarships: $1,000 each. Graduate Fellowships (deadline date March 1st): three of $4,000 each, and eight of $1,000 each.

Applications available from school department heads or Institute of Food Technologists, 221 N. LaSalle Street, Chicago, Illinois 60601.

The National Restaurant Foundation-Heinz Scholarship Awards Program provides five college level awards of $1,500 each ($500 per year over a three year period starting with the sophomore year in college). Matching payment up to a maximum of $500 each year for satisfactory summer employment in the food service industry. Total award up to a $3,000 maximum. Scholarship recipients are chosen from among students undertaking or planning to undertake an educational program leading to a management career in the food service industry.

Eligibility for Loan: A student completing his first year of education in a four year educational institution, or a student completing his first year of education at a junior/community college, but wants to continue his studies for the next three years in food service education at a four year educational institution; or a student completing his second year in food service education at a junior/community college, but wants to continue his studies to complete a baccalaureate degree program in food service education at a four year educational institution.

Three junior/community college awards of $500 each (annually) over a two year period, plus matching payment up to a maximum of $500 for satisfactory employment in the food service industry during the summer between his first and second years. Maximum award: $1,500. Student must be a high school graduate enrolled or planning to enroll in a program leading to an Associate Degree in Food Service Management.

Applications may be secured from the National Restaurant Foundation, 1530 N. Lake Shore Drive, Chicago, Illinois 60601. Deadline for filing applications: March 31st.

Health Career programs enable qualified students to complete their professional education under Army sponsorship. Foods and nutrition or Institution Management majors may participate as junior and/or senior students in the Army Student Dietitian Program. Students earn over $250 monthly. The Army conducts approved dietetic internships.

Detailed information is available from: The Surgeon General, Department of the Army, ATTN. MEDPT-RS, Washington, D.C. 20315.

HOSPITAL ADMINISTRATOR

The American College of Hospital Administrators has established a limited number of scholarship loans to assist worthy students to continue their professional education and training towards careers in hospital administration.

Loans are available at two stages of the student's training: academic and residency. Applications must be submitted to the College's special Scholarship Committee by (1) Students who have completed successfully one academic semester in an accredited graduate program in hospital administration, and (2) Students who are in their residency phase of graduate training in hospital administration.

For information, contact: The American College of Hospital Administrators, 840 N. Lake Shore Drive, Chicago, Illinois 60611.

MEDICAL ASSISTANT

The Maxine Williams Scholarship Fund offers to students in the field a $300 interest-free loan. Preference is given to those students planning a two-year course of study. For information, write: The American Association of Medical Assistants' Endowment, 200 East Ohio Street, Chicago, Illinois 60611.

MEDICAL RECORD LIBRARIAN

Grace Whiting Myers-Malcolm T. MacEachern Student Loan Fund. Eligibility for Loan: Persons are eligible to apply for a loan if they have been accepted for enrollment into a school approved by the Council on Medical Education of the American Medical Association for the education of Medical Record Librarians or Medical Record Technicians. Students enrolled in a four year course leading to a degree in Medical Record Science may apply for a loan at the completion of their third year of schooling. Registered Record Librarians who wish to study for baccalaureate or advanced degrees and have been accepted by regionally accredited colleges or universities as candidates for a degree may apply for a loan. A student receiving a loan is required to carry a full course load for residence. The applicant need not be a citizen of the United States or territories.

Terms of Loan: Registered Record Librarian applicants accepted for study for baccalaureate or advanced degrees may borrow up to $2,400 per year per student. Applicants approved to enter a school for Medical Record Librarians may borrow up to $1,500 per year. Applicants approved to enter a school for Medical Record Technicians may borrow up to $500. The number of loans granted to students enrolled in schools for Medical Record Technicians shall be limited to no more than two per year.

Procedure for Application: Application forms may be secured from the Foundation of Record Education, American Association of Medical Record Librarians, 211 E. Chicago Avenue, Chicago, Illinois 60611.

MEDICAL TECHNOLOGIST

Information on scholarships and loans is available by writing to the American Society of Medical Technologists, Education and Research Fund, Hermann Professional Building, Houston, Texas 77025.

Many American Medical Association-Approved Schools of Medical Technology and Schools of Cytotechnology waive tuition and pay stipends to students. Three years of college with science courses are pre-requisite to the year of hospital training which leads to certification as a Registered Medical Technologist, and two years of college for the six months' training and six months' apprenticeship necessary for certification as a Cytotechnologist. Tuition is also free at most Certified Laboratory Assistant Schools. High School graduates are eligible for this one year course which leads to certification under medical auspices as a Certified Laboratory Assistant. Other scholarships for medical technology and cytotechnology students are also offered by some state pathology and medical technology societies, Cancer Societies and other organizations.

A fact sheet on laboratory careers and a listing of medical technology and cytotechnology scholarships as well as lists of the AMA-approved medical technology and cytotechnology schools may be obtained by writing to: The Registry of Medical Technologists, 710 S. Wolcott Avenue, Chicago, Illinois 60612.

A list of approved laboratory assistant schools may be obtained by writing: Board of Certified Laboratory Assistants, 710 S. Wolcott Avenue, Chicago, Illinois 60612.

The Veterans Administration has made available to students in the field of Medical Technology a stipend averaging about $170 per month. For information, write to: Pathology and Allied Sciences Services, Veterans Administration, Washington, D.C. 20420.

NURSING

The Nursing Student Loan Program. Federally supported loans are available at schools of professional nursing for students who need assistance to pursue a full-time course of study at the school. The amount of an individual loan will depend upon the student's need as determined by the school; however, no loan may exceed $1,500 per academic year. The aggregate amount a student may receive for all years is $6,000.

The total loan is repayable over a ten year period beginning nine months after the student ceases to pursue a full-time course of study at a nursing school. Repayment on a loan may be deferred during periods of active military duty and service in the Peace Corps (up to three years each) and during periods of advanced professional training in nursing (up to five years).

Up to 50% of the total amount of a loan, plus interest, may be cancelled when the borrower is employed full-time as a professional nurse in the fields of nurse training and service in any public or non-profit private institution or agency at the rate of 10% per year for each complete year of such employment. Up to 100% of the total amount of a loan, plus interest, may be cancelled when the borrower is employed full-time as a professional nurse in a public or non-profit hospital located in an area which has a substantial shortage of nurses at such hospitals at the rate of 15% per year for each complete year of such employment.

The Allstate Foundation provides nursing education scholarships annually to approximately 200 young persons. The scholarships are administered through state units of the American Nurses Association and National League for Nursing. Write to: National League for Nursing, 10 Columbus Circle, New York, New York 10019.

The scholarships provide funds to meet tuition charges in hospital schools of nursing or college schools of nursing.

Army Student and Registered Nurse Programs enable selected nursing students to continue their education while they receive full pay and allowances as officers or enlisted personnel in the Army Reserve.

The Student Nurse Program is available during the third year of a three year nursing program or for the third and fourth years of a four year program in nursing.

The Registered Nurse Program provides an opportunity to continue nursing education for a period not to exceed two calendar years.

Detailed information may be secured from: Army Careers, U.S. Army Recruiting Command, Hampton, Virginia 23369.

Darling Freight, Inc., has offered four awards in the field of nursing. For information, write: Darling Freight, Inc., 4000 S. Division Avenue, Grand Rapids, Michigan 55744

The Eight and Forty Tuberculosis Nursing Scholarships Fund was established to assist nurses to secure advanced preparation for positions in either supervision, administration or teaching. The students are to have prospects of being employed in specific positions in hospitals, clinics, or health departments on completion of their education, and the position must have a full-time and direct relationship to tuberculosis control.

Scholarship awards are $1,500 each. Deadline for application: June 1st. Awards are announced July 15th.

Full details relative to eligibility requirements may be secured from the local Eight and Forty Scholarship Chairman or The American Legion Education and Scholarship Program, Attn.: Eight and Forty Scholarships, Box 1055, Indianapolis, Indiana 46206.

Navy Nurse Corps Candidate Program is open to qualified junior and senior nursing students and registered nurses who are enrolled in baccalaureate or master's degree nursing programs accredited by the National League for Nursing. Tuition, salary and other allowances and benefits are provided by the Navy during the time of enrollment with the program. Persons given one year or less of subsidized training incur a two year active duty obligation; those with over one year of subsidized training incur a three year active duty obligation. For more complete information, contact the nearest U.S. Navy Recruiting Station.

Nurses' Educational Funds grants scholarships and fellowships to graduate nurses to equip them for advancement in nursing. Men and women qualifying for these awards study in nursing programs accredited by the National League for Nursing in colleges and universities of their choice. The executive committee determines the amount and number of awards each year on the basis of availability of funds and the nature of applications.

Deadline for applications is February 1st preceding the fall for which award is made. Write for application forms and additional information to: Nurses' Educational Funds, 10 Columbus Circle, New York, New York 10019.

Nursing Research grants predoctoral and postdoctoral fellowships to professional nurses for graduate study in a university. Post doctoral fellowships may be used also for training in a research center. Stipends are set according to individual needs.

Applications are submitted to the Public Health Service at scheduled intervals (January 2nd, April 1st, and October 1st); awards are made within 3–4 months. A fellowship may be activated any time within ten months after it is awarded.

For additional information, write: Research Grants Branch, Division of Nursing, Bureau of Health Professions Education and Manpower Training, National Institutes of Health, Bethesda, Maryland 20014.

Nurse Scientist Graduate Traineeship Grants Program enables graduate nurses who have baccalureate or higher degrees to study full-time toward doctoral degrees in the biological, physical or behavioral sciences to prepare them to function as nurse scientists.

For further details, write to: Research Grants Branch, Division of Nursing, Bureau of Health Professions Education and Manpower Training, National Institutes of Health, Bethesda, Maryland 20014.

The Nursing Scholarship Program offers aid to students in exceptional financial need. Federally supported scholarship awards are available at participating schools of nursing which offer a program of nursing education leading to a diploma in nursing, associate degree in nursing, baccalaureate degree or equivalent degree in nursing, or graduate degree in nursing for students who need financial assistance to pursue a full-time course of study.

The amount of an individual scholarship depends upon the student's need as determined by the school; however, no scholarship may exceed $1,500 per year.

Further information and application forms may be obtained from the participating school selected by the student. General information and lists of participating schools are available from the Bureau of Health Professions Education and Manpower Training, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

Professional Nurse Traineeship Program enables graduate nurses to prepare for positions in administration, supervision, teaching and in clinical specialties. Traineeships are awarded for full-time academic study by the train-

ing institutions and provide tuition and fees as established by the school. Monthly stipends are also provided at the rate of $200 at the baccalaureate level; $200–$300 at the postbaccalaureate level, depending on the student's level of study. A dependency allowance of $42 per month for each dependent is also allowed. Candidates are selected by the training institution.

Information and lists of institutions offering traineeships are available from the Nurse Education and Training Branch, Division of Nursing, Bureau of Health Professions Education and Manpower Training, National Institutes of Health, Bethesda, Maryland 20014.

Psychiatric-Mental Health Traineeship Program provides traineeships for undergraduate and graduate studies for nurses who intend to pursue a career in mental health. Support at the junior and senior levels of undergraduate education is for students who plan to continue study in psychiatric-mental health nursing at the master's level upon completion of the baccalaureate program. Support at the master's level is for study in psychiatric-mental health nursing, including community mental health nursing. Support at the postmaster's, predoctoral and postdoctoral level is for nurses with a master's in psychiatric-mental health nursing for advanced study in psychiatric-mental health nursing and mental health related areas. Support for short-term and continuing education and training in special areas such as community mental health nursing, geopsychiatry and family therapy is also available.

For details, write to: Psychiatric Nursing Training Branch, Division of Manpower and Training Programs, National Institutes of Mental Health, 5454 Wisconsin Avenue, Chevy Chase, Maryland 20015.

Walter Reed Army Institute of Nursing offers the opportunity to earn a Bachelor's Degree in nursing with the major portion of the educational expenses paid for. The program involves training at the University of Maryland School of Nursing and experience in Walter Reed Army Hospital. Upon graduation, the student is appointed First Lieutenant in the Army Nurse Corps with an obligation to serve for three years in the Army. For information, write: Nursing Opportunities, Commanding General, U.S. Army Recruiting Command, Hampton, Virginia 23369.

OCCUPATIONAL THERAPY

Elks National Foundation makes awards to OT students from junior year up; college graduates accepted for OT postbaccalaureate courses. Amounts of awards will vary some. Restriction: Work in field of cerebral palsy on completion. Foundation also awards other scholarships to high school and college students.

For further information, write to: Elks National Foundation, 40 Court Street, Boston, Massachusetts.

National Association of American Business Clubs Scholarship Program. Amounts vary. Awarded to college juniors or seniors accepted for or in an approved OT course; also graduates eligible for post-baccalaureate courses. Basis: Scholastic record, financial need. Restriction: No awards made to students receiving other scholarships. Apply by May 30th or October 31st.

For additional information, write to: National Association of American Business Clubs Scholarship Program, P.O. Box 5127, High Point, North Carolina.

National Society for Crippled Children and Adults, Inc. Amount of award: $100–$500. Awarded to OT students for their senior year or clinical training period and college graduates accepted for an approved OT postbaccalaureate course. Basis: Scholastic record, financial need, references. Restriction: Must be U.S. citizen. Apply by May 15th. May be administered at state level.

For further information, write: National Society for Crippled Children and Adults, Inc., Personnel and Reporting Service, 2023 W. Ogden Avenue, Chicago, Illinois 60612.

United States Air Force Headquarters. Amount: Monthly salary as Second Lieutenant plus subsistence and monthly quarters allowance. Tuition, fees and related costs are paid by students. Commission offered: Students who have completed all but the final twelve months of an approved OT course. Basis: High moral and physical qualifications, interested in Air Force career.

Restrictions: Female, single between 21–28 years. U.S. citizen. Must serve in Air Force hospitals three years following completion. Apply between February 15th and February 28th.

For additional information, write: United States Air Force Headquarters, Office of the Assistant Surgeon General for Staffing and Education, Randolph AFB, Texas 78148.

United States Army Medical Service. Army Student OT Program. Amount: Approximately $250 monthly. Program of 12–24 months for college juniors and seniors. Basis: Meet personal, physical and educational requirements of the Department of the Army. Age: 21–28 years. U.S. citizen.

Amount for all the Active duty and allowance as Second Lieutenant, amounting to approximately $450 monthly plus a $300 uniform allowance.

Students completing senior year in an accredited OT school or OT students with baccalaureate degree. Serve two years including affiliation.

For further information, write: United States Army Medical Service, Office of the Surgeon General, Att: MEDPT-MP, Washington, D.C. 20315.

United States Navy. Amount: Active duty pay and allowances as Ensign, Naval Reserve, plus one $300 payment for uniforms. Tuition, fees, and related costs are paid by students.

Eligibility for Loan: Students who have completed all but the final twelve months of an accredited OT course and are morally and physically qualified for commission in the Naval Reserve.

Restrictions: U.S. citizen. Men must be between 21–32 years and are required to serve on active duty for four years after reporting to their first assignment following completion of their professional training. Women must be between 18–32 years and are required to serve on active duty for two years after reporting to their first assignment following completion of their professional training.

For additional information, write: United States Navy, Chief, Medical Service Corps, Bureau of Medicine and Surgery, Navy Department, Washington, D.C.

U.S. Department of Health, Education and Welfare. Amount: $200–3,400 per year depending on level of study, plus tuition and registration fee. Awarded to students enrolled in an approved OT curriculum. Basis: Scholastic record, aptitude, personality. Apply through occupational therapy director at college of university.

Additional information may be obtained by writing to the U.S. Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D.C.

American Legion Auxiliary, 777 N. Meridian Street, Indianapolis, Indiana 46204. Restriction: Children of veterans. Check with local or state office of auxiliary.

AMVETS Memorial Scholarship, 1710 Rhode Island Avenue, N.W., Washington, D.C. Restriction: Children of deceased or totally disabled veterans of World War II or the Korean War.

National Honor Society, Executive Secretary, National Association of Secondary School Principals, 1201 16th Street, N.W., Washington, D.C.

National Scholarship Service and Fund for Negro Students, 6 East 82nd Street, New York, New York. Restrictions: Negroes only.

Round Table International, 279 Bay View Avenue, San Jose, California 95127. Applications only through local Rotary Club.

Health Career programs in Occupational Therapy enable qualified students to complete their professional education under Army sponsorship. OT majors may participate as junior and/or senior students in the Army OT Program.

Students earn over $250 monthly. The Army conducts approved occupational therapy clinical affiliations for selected college graduates.

Detailed information is available from: The Surgeon General, Department of the Army, ATTN. MEDPT-RS, Washington, D.C. 20315.

The National Easter Seal Society for Crippled Children and Adults has available the following scholarships for specialized training for work with the physically handicapped: (1) Speech Pathology and Audiology — graduate level — co-sponsored with Alpha Chi Omega National Women's Fraternity; (2) Physical Therapy and Occupational Therapy (senior year, Clinical Affiliation or Certificate Program) co-sponsored with Kappa Delta Phi Sorority; (3) Specialized Training in Minimal Brain Dysfunction. Scholarships are available through colleges and universities receiving training grants for summer programs in the identification and training of children with minimal brain damage. Co-sponsored with Alpha Gamma Delta International Women's Fraternity.

Additional information may be secured from the Scholarship Coordinator, National Easter Seal Society for Crippled Children and Adults, 2023 West Ogden Avenue, Chicago, Illinois 60612.

OPTOMETRY

American Optometric Association and its affiliated State Associations offer numerous scholarships at the professional level. Pamphlets on career opportunities and information about scholarships for study of Optometry are available by writing to The American Optometric Association, 7000 Chippewa Street, St. Louis, Missouri.

See **Health Professions Student Loan Programs** under "LOANS-GENERAL".

OSTEOPATHY

The American Osteopathic Association and the Auxiliary to the American Osteopathic Association annually award twenty National Osteopathic College Scholarships of $1,500 each. Awards are based on academic grades for at least three years of undergraduate college, need, motivation to become an osteopathic physician, personality and evidences of leadership.

Application forms may be secured from the Scholarship Committee Chairman, 212 E. Ohio Street, Chicago, Illinois 60611. Completed applications must be received by the Scholarship Chairman by May 1st. Individual schools of osteopathy and some state associations also have information on numerous scholarship and loan funds.

See **Health Professions Student Loan Program** under "LOANS-GENERAL".

PHARMACY

American Foundation for Pharmaceutical Education provides undergraduate scholarship grants of $200 to superior students in need of financial assistance. These grants are limited to students in the last three years of the college program. Applications must be made to the dean of pharmacy college.

National Defense Education Act of 1958 allows a student to borrow up to $1,000 per year through the participating college.

The Women's Auxiliary of the American Pharmaceutical Association provides a loan fund for women students in the last two years of professional study, available through the college of pharmacy.

The Dargavel Foundation provides a loan fund for students of pharmacy. Applications must be approved by the dean of the pharmacy school.

See **Health Professions Student Loan Program** under "LOANS-GENERAL".

Other Sources: Write to the State Department of Education and to State Pharmacy Foundations to determine what financial assistance may be available.

Consult high school counselor or college advisor about civic, service and fraternal organizations, religious, racial and nationality organizations, local firms and associations. Service clubs giving scholarships in certain areas include: Elks Lodge, Knights of Columbus, Knights Templar, Zonta and Bethel Lodge.

PHYSICAL THERAPY

The American Physical Therapy Association makes available single copies of career materials, information on physical therapy education and a list of known sources of financial assistance available to prospective physical therapy students from national and state organizations.

For further information, write: The American Physical Therapy Association, 1740 Broadway, New York, New York, 10019.

Health Career programs in Physical Therapy enable qualified students to complete their professional education under Army sponsorship. Students earn over $250 monthly. The Army conducts approved certificate courses in physical therapy for selected college graduates.

Detailed information is available from: The Surgeon General, Department of the Army, ATTN. MEDPT-RS, Washington, D.C. 20315.

The National Easter Seal Society for Crippled Children and Adults offers scholarships for specialized training for work with the physically handicapped in the area of physical therapy. Co-sponsored by Kappa Delta Phi Sorority, it covers the student's senior year and involves Clinical Affiliation or Certificate Program.

Additional information may be secured from the Scholarship Coordinator, National Easter Seal Society for Crippled Children and Adults, 2023 West Ogden Avenue, Chicago, Illinois 60612.

The Vocational Rehabilitation Administration, U.S. Department of Health, Education and Welfare has made traineeships available for Juniors, Seniors and Certificate Students in Physical Therapy. Inquire of P.T. Director at the school of your choice.

The Branches of the U.S. Armed Forces have plans to assist students who wish to become physical therapists. For information concerning these, contact:

U.S. Air Force:	U.S. Air Force Recruitment Service (OTN) Randolph AFB, Texas 78148
U.S. Army:	The Surgeon General Department of the Army Washington, D.C., 20315 Attn: MED PT-MP
U.S. Navy:	U.S. Navy Chief, Medical Service Corps Bureau of Medicine and Surgery Navy Department Washington, D.C. 20025

PHYSICIANS

National Medical Fellowships, Inc. provides scholarships to Negro students who are citizens of the U.S. and have been admitted to or are attending medical school. Applications and information may be secured by writing to: National Medical Fellowships, Inc., 3935 Elm Street, Downers Grove, Illinois 60515. Applications must be filed by March 1st.

New York Life Insurance Company Medical Students Scholarship Program offers four year scholarships to assist young men and women who would otherwise have serious financial problems attending a medical school. The amount provided is intended to cover tuition, room, board, fees, books and equipment as budgeted by the dean of the school before each academic year. Selection of students is solely the responsibility of the medical schools; however, students must be citizens of the United States or Canada and cannot be relatives of employees of the New York Life Insurance Company.

Inquires about applications should be directed to the Dean of Medicine at the following medical schools: University of Alberta, University of Arkansas, University of California, Indiana University, University of Kentucky, Laval University Faculty of Medicine, University of Nebraska, State University of New York, University of Utah, University of Vermont, and West Virginia University.

Medical Education Loan Guarantee Program established by The American Medical Association Education and Research Foundation provides annual loans up to $1,500 with a maximum of $10,000 over a seven year period. Students who are qualified and accepted by an approved training institution are eligible. The loan program is extended to medical students, interns and residents.

Detailed information may be secured from The American Medical Association Education and Research Foundation, 535 N. Dearborn, Chicago, Illinois 60610.

See **Health Professions Student Loan Program** under "LOANS-GENERAL".

PODIATRY

APA Scholarships grant three $2,000 four year scholarships annually (renewable up to $8,000). Applicants must possess a bachelor's degree, plus meeting other requirements.

Federal Government Scholarships. Up to ten percent of the entering classes of each podiatry college may be awarded federal scholarships in the amounts up to $2,500 per year (renewable annually). Eligibility is based on academic excellence and demonstrated proof of financial need. Awards are administered by the individual colleges.

Dr. William Lowe Scholarship awards $100 annually to a third year student at the California Podiatry College. The award is made by the California Podiatry Association.

M.J. Lewi College of Podiatry Board of Trustees makes available partial scholarships (approximately $400 per year) to students demonstrating need for financial assistance.

Zacharie Scholarship in Podiatry provides one full tuition four year award annually to an entering student at the California Podiatry College.

The California Podiatry College annually offers a scholarship for post-graduate study to a senior who demonstrates proficiency in clinical work.

Earl G. Kaplan Scholarship awards $200 each year to a junior at the Ohio College of Podiatry toward tuition and fees for the senior year.

New York State Scholarship Incentive Awards are given annually, varying in amounts from $200–$800, for students attending the M.J. Lewi College of Podiatry. Awards are made available by the New York State Department of Education.

American Podiatry Association annually grants four $4,000 fellowships (renewable up to $8,000 over a minimum two-year period) for work leading to an advanced degree in a field related to podiatry. Areas of specialization include the basic and clinical sciences, public health, education and educational administration. In addition, a minimum of four hours per week is required at a college of podiatry.

Ohio Podiatry Association offers a fellowship of $1,800 to support a graduate of a college of podiatry holding a bachelor's degree and pursuing advanced work.

Meade Johnson Pharmaceutical Company annually awards three fellowships of $1,000 for graduate programs, including internship training. For additional information and applications, write: Committee on Scholarships and Fellowships, American Podiatry Association, 3301 16th Street, N.W., Washington, D.C. 20010.

See **Health Professions Student Loan Program** under "LOANS-GENERAL".

PUBLIC HEALTH

The American Association for Health, Physical Education and Recreation cooperates with interested organizations and corporations in sponsoring a program of scholarship assistance to high school seniors of unusual promise who desire to enter professional preparation of teaching and leadership in physical fitness and related areas of physical education. Grants vary from $1,000 to $2,000.

Secure application forms prior to October 15th from The American Association for Health, Physical Education and Recreation, Department of the National Education Association, 1201 16th Street, N.W., Washington, D.C. 20036.

Public Health Educators schools of public health have information about scholarships and financial aid available for both undergraduate and graduate study. Also available are traineeships from both state and federal health departments for graduate work leading to a master's degree in an accredited school of public health.

For further information, write or personally contact a public health educator in your local or state health department.

U.S. Public Health Service offers the following opportunities for training in health careers: Public Health Traineeships. Graduate or specialized training in public health for persons who have completed their basic professional education, and who plan to enter the field of public health.

The traineeships provide stipend, tuition, and fees, and certain transportation costs. Persons with training of this kind are needed throughout the range of activities found in modern public health practice.

Application forms are available from: Health Manpower Grants Branch, Division of Health Manpower Educational Services, 900 Rockville Pike, Bethesda, Maryland 20014.

The Rehabilitation Service Administration provides teaching grants and traineeship grants to educational institutions, as well as grants to support training activities in state rehabilitation programs and in facilities for the mentally retarded.

Individual traineeships are awarded by participating universities to selected graduate students interested in rehabilitation careers. Included are careers in physical medicine and rehabilitation, dentistry, physical therapy, occupational therapy, speech pathology and audiology, rehabilitation nursing, rehabilitation social work, prosthetics and rehabilitation psychology, rehabilitation counseling, recreation for the ill and handicapped, work evaluation and rehabilitation workshop administration, and other specialized fields such as rehabilitation of the blind, deaf and mentally retarded.

For a list of universities which award RSA tranieeships, write: Division of Training, Rehabilitation Service, Department of Health, Education and Welfare, Washington, D.C. 20201.

RADIOLOGIC TECHNOLOGY

A monthly stipend is available to students in this field. For information, write to: Radiology Service, Department of Medicine and Surgery, Veterans Administration, Washington, D.C. 20420.

SCIENCE

Science Talent Search, conducted by Science Clubs of America, sponsored by Westinghouse Educational Foundation each year, offers scholarships for boys and girls in their last year of high school. Awards are based on a science aptitude examination, high school record, recommendations of high school teachers, a thousand-word report on the science research project by the student and interviews of forty finalists by judges at the Science Talent Institute in Washington, D.C.

Awards include ten scholarships of one $10,000, two $8,000, three $6,000, and four $4,000. The remaining thirty finalists each receive Westinghouse Science

awards of $250. State Science Talent Searches are conducted currently with the National Competition in forty-three states and the District of Columbia.

Detailed information is available from Science Clubs of America, 1719 N. Street, N.W., Washington, D.C. 20036. Entry deadline is December.

SOCIAL WELFARE

The Children's Bureau, Department of Health, Education and Welfare makes available tranieeships for graduate training at the master's degree level and at the doctoral level for personnel for work in the field of child welfare. Traineeships provide basic allowances, tuition and fees.

Information concerning traineeships may be obtained by writing: Division of Family and Child Welfare Services, Children's Bureau, Social and Rehabilitation Service, U.S. Department of Health, Education and Welfare, 330 Independence Avenue, S.W., Washington, D.C. 20201.

Kappa Kappa Gamma Fraternity annually offers scholarships to young women to assist them in preparation for work with the mentally retarded, physically handicapped, socially deprived, emotionally disturbed and the aged.

Applicants must be citizens of the U.S. or Canada and have completed two years of undergraduate work on a campus where a chapter of this fraternity is located. Women studying in the fields of physical therapy, occupational therapy, speech and hearing, mental health and social work are eligible. Undergraduate awards are for $300–$350. Graduate awards are for $500–$1,000.

Details and application forms may be obtained from: Kappa Kappa Gamma Fraternity Headquarters, 530 East Town Street, Columbus, Ohio 43215.

The School of Social Service Administration, The University of Chicago offers graduate fellowships and scholarships ranging from $1,125 to $5,650. The school offers a two year program leading to the A.M. degree as preparation for practice in social casework, social group work or community organization; and a program leading to the Ph.D degree in preparation for research or teaching.

Application for admission and scholarship may be obtained by writing: Dean of Students, School of Social Service Administration, The University of Chicago, Chicago, Illinois 60637.

SPEECH PATHOLOGY and AUDIOLOGY

The National Easter Seal Society for Crippled Children and Adults provides scholarships for specialized training for work with the physically handicapped in the area of Speech Pathology and Audiology on the graduate level, co-sponsored with Alpha Chi Omega National Women's Fraternity.

Additional Information may be secured from the Scholarship Coordinator, National Easter Seal Society for Crippled Children and Adults, 2023 West Ogden Avenue, Chicago, Illinois 60612.

VETERINARY MEDICINE

See **Health Professions Student Loan Program** under "LOANS-GENERAL".

GENERAL SCHOLARSHIP INFORMATION — GENERAL HEALTH CAREERS.

The following scholarships are available to students who are pursuing health careers. Many have no limitation on area of study. It is advisable to check the entire list.

GENERAL HEALTH

Scholarships are offered to students in all fields of health by the Daughters of the American Revolution. For information, write: Scholarship Funds, National Society, DAR, 1776 D. Street, N.W., Washington, D.C. 20006.

The Elks Foundation Scholarship Awards range from $800 to $2,500. Any student in the graduating class of a high school or college preparatory school or in any undergraduate class (except senior) of an accredited college, who is a citizen of the U.S. and resident within the jurisdiction of the Benevolent and Protective Order of Elks. may file an application.

Scholarship, citizenship, personality, leadership, perseverance, resourcefulness, patriotism, general worthiness and financial need are the criteria by which applicants will be judged.

Application blanks may be obtained from an officer of the local Elks Lodge or the Secretary of the State Elks Association and must be filed on or before February 15th with the Secretary of Lodge Foundation Chairman of the B.P.O. Elks Lodge in the city in which the applicant is resident.

General Motors Corporation has a scholarship program that offers 300 four year college scholarships annually. Applicants must be high school seniors and U.S. citizens. Candidates apply directly to the colleges at which General Motors Scholarships are available.

College scholarship committees in more than two hundred participating institutions select the awardees. Stipends range from $200–$2,000 a year depending on demonstrated need. There is no limitation on course of study or career. Both young men and women are eligible. Descriptive materials are available in the secondary schools early in the school year.

For further information, write: General Motors Scholarship Program, 8-163 GM Building, Detroit, Michigan 48202.

The Health Professions Scholarship Program provides federally supported scholarship awards which are available at participating schools of medicine, dentistry, osteopathy, optometry, pharmacy, podiatry, and veterinary medicine for students of exceptional financial need to pursue a full-time course of study. The amount of an individual scholarship depends upon the student's need as determined by the school; however, no scholarship may exceed $2,500 per year.

Further information and scholarship application forms may be obtained from the participating school selected by the student. General information and lists of participating schools are available from the Bureau of Health Professions Education and Manpower Training, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

The National Achievement Scholarship Program for outstanding Negro students awards more than three hundred scholarships annually. Candidates request consideration on the basis of scores on the National Merit Scholarship Qualifying Tests. Taken as second semester juniors or first semester seniors. Other qualifications are the same as for the National Merit Scholarship Program in which all Achievement candidates simultaneously participate.

In 1969 the Achievement program offered 250 National Achievement $1,000 scholarships and 50 or more sponsored four year Achievement scholarships. The former carry a one-time stipend of $1,000 paid upon enrollment in an accredited U.S. college or university. Stipends of the latter are individually determined and are related to the student's financial need to attend the college of his choice within limits which may vary with sponsorship but generally fall in the range of $250–$1,500 per year. Four year Achievement scholarships are guaranteed for four years if the student maintains normal progress toward a bachelor's degree in an accredited U.S. college or university.

The program is administered by the National Merit Scholarship Corporation, 990 Grove Street, Evanston, Illinois 60201.

The National Merit Scholarship Program offers about 1,000 one-time non-renewable National Merit $1,000 Scholarships and about 1,800 four year sponsored Merit Scholarships in nationwide competition. Candidates take the National Merit Scholarship Qualifying Test in their high schools in the junior year. Semi-finalists are selected on the basis of test scores, state by state. Most become finalists by confirming NMSQT performance on a second test, filing biographical and financial information, and receiving their high school's recommendation. All scholarship winners are chosen from the same group of about 15,000 finalists. Basic number of National Merit $1,000 Scholarships are apportioned state-by-state in relation to school population. Most Merit Scholarships

are named for their sponsors (e.g., Shell Merit Scholarships), who include some 390 corporations, unions, foundations, other organizations and individuals.

Merit Scholars are chosen without respect to race, religion, country of origin or financial need. The winner of a National Merit Scholarship receives a single payment of $1,000 upon enrollment in an accredited U.S. college or university. The stipend of a four year Merit Scholarship is related to the student's financial need to attend the college of his choice within limits which may vary with sponsorship but generally falls in the range of $100–$1,500 per year. A four year Merit Scholarship is guaranteed for four years if a student maintains normal progress toward a bachelor's degree in an accredited U.S. college or university.

The Merit Program is administered by the National Merit Scholarship Corporation, 990 Grove Street, Evanston, Illinois 60201.

The Rehabilitation Services Administration provides teaching grants and traineeship grants to educational institutions as well as grants to support training activities in state rehabilitation programs and in facilities for the mentally retarded. Individual traineeships are awarded by participating universities to selected graduate students interested in rehabilitation careers. Included are careers in physical medicine and rehabilitation, dentistry, physical therapy, occupational therapy, speech pathology and audiology, rehabilitation nursing, rehabilitation social work, prosthetics and rehabilitation psychology, rehabilitation counseling, recreation for the ill and handicapped, work evaluation and rehabilitation workshop administration, and other specialized fields such as rehabilitation of the blind, deaf and mentally retarded.

For a list of universities which award RSA traineeships, write: Division of Training, Rehabilitation Service, Department of Health, Education and Welfare, Washington, D.C. 20201.

Training in the Health, Medical and Related Biological Sciences. Training includes pre-doctoral and post-doctoral research fellowships, special research fellowships, and undergraduate and graduate training grants. Training is also available for medical graduates who have completed their internships.

For additional information, write: Career Development Review Branch, Division of Research Grants, National Institutes of Health, U.S. Public Health Service, Bethesda, Maryland 20014.

LOANS—GENERAL

The National Defense Student Loan Program. College students or prospective college students in need of financial assistance to continue or begin college education may borrow for college expenses in one year a sum not exceeding $1,000 or during college course a sum not to exceed $5,000. A graduate or professional student may borrow up to $2,500 per year, but the total loans during undergraduate and graduate study may not exceed $10,000.

Repayment of the loan begins nine months after a borrower ceases to carry at least one-half the normal academic work load and is to be completed within ten years. Interest of 3% will begin at the time the repayment period begins. Up to 50% of a loan (plus interest) may be cancelled in the event the borrower becomes a full-time teacher in a non-profit elementary or secondary school or in an institution of higher education. Teaching in a designated school located in a poverty area or teaching handicapped youths in an elementary or secondary school system will cancel his obligation at the rate of 15% a year.

Interested students should consult their guidance counselor or the student financial aid officer of the college or university in which they are or expect to be enrolled.

Pickett and Hatcher Educational Fund makes loans to financially needy students enrolled in colleges and universities offering broad liberal education with preference being given to undergraduate students. Loans are not available for strictly professional education such as law, medicine or the ministry (teaching is an exception).

Loans may include amounts required for fees, tuition, room and board up to an annual amount of $1,000 with the total borrowed not to exceed $4,000. The loans will bear interest of 2% per annum while in school and 4% after

student leaves school. Repayment is to start six months after student leaves school and is to include an amount which is not less than ten per cent of the income.

For more information and application forms, write: Pickett and Hatcher Educational Fund, P.O. Box 2128, Columbus, Georgia 31902.

The Health Professions Student Loan Program makes available federally supported loans at participating schools of medicine, dentistry, osteopathy, optometry, pharmacy, podiatry and veterinary medicine for students who need assistance to pursue a full-time course of study.

The amount of the loan depends upon the student's need as determined by the school; however, no loan may exceed $2,500 per academic year. The loan is repayable over a ten year period beginning one year after the student ceases to pursue a full-time course of study at a health professions school. During the repayment period, interest accrues on the total loan at the rate of 3%. Repayment of a loan may be deferred during periods of active military duty and service in the Peace Corps (up to three years each) and during periods of advanced professional training, including internships and residencies (up to five years).

The program includes a forgiveness provision which enables a physician (M.D. and D.O.), dentist, or optometrist to cancel his loan in return for practicing in a shortage area or a rural, low-income shortage area. Up to 50% of the loan, plus interest, that is unpaid on the first day of such practice may be forgiven at the rate of 10% for each year of practice in a shortage area. Up to 100% of such unpaid balance, plus interest, may be forgiven at the rate of 15% for each year of practice in a rural, low-income shortage area.

Further information and application forms may be obtained from the participating school selected by the student. General information and lists of participating schools are available from the Bureau of Health Professions Education and Manpower Training, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

NATIONAL HEALTH SCHOLARSHIPS are available to those students who are U.S. Citizens, are planning a career in nursing, occupational therapy, or physical therapy. Each scholarship has the value of $500 per year for four years. The scholarships are competitive, awards being made on the basis of work record and need. For information, write: Health Scholarships, Department of Professional Education, The National Foundation, 800 Second Avenue, New York, New York 10019.

United Student Aid Funds, Inc. makes loans available to all students at participating colleges in amounts from $1,000–$5,000 a year for undergraduates and from $1,500–$7,500 for graduate students.

Notes under this program draw 7% simple interest. In the case of many loans, much of the interest will be paid by the federal government. Repayments start the first day of the tenth month after finishing graduate or undergraduate education. Monthly installments usually are not less than $30 or more than $100.

For further information, contact: United Student Aid Funds, Inc., 5259 N. Tacoma Avenue, Indianapolis, Indiana 46220, or the financial aid officer of the college to be attended. Other well recognized organizations that specialize in education loans for students are: Funds for Education, Inc., 319 Lincoln Street, Manchester, New Hampshire 03103; Education Funds, Inc., 10 Dorrance Street, Providence, Rhode Island 02901.

The American Heart Association's affiliates and chapters have varied programs for helping young people learn about health career opportunities. In the main, these are work experience, field trips, and educational programs.

For further information, contact the local heart association or The American Heart Association, 44 E. 23rd Street, New York, New York 10010.

Federal Government Cooperative Education Programs for nearly all college majors. High school graduates may be eligible for these programs. The work study type program leads to a B.S. degree and usually lasts five years. Student trainees receive a salary during periods of employment according to Civil Service standards. Some financial assistance toward tuition, books and related fees may be paid by the sponsoring activities. Students wishing to be considered should apply to the agency in which employment is desired. Most federal agencies employ some student trainees; however, the largest employers

are the Departments of the Army, Navy and Air Force, and the National Aeronautics and Space Administration. For information, write to: The National Commission for Cooperative Education, 52 Vanderbilt Avenue, New York, New York 10017.

Veterans' Pension and Re-Adjustment Assistance Act of 1967 (Cold War GI Bill). Objective: To provide educational opportunities for a potential of over five million qualified servicemen or women now in civilian life or on active duty in the armed forces.

Eligibility: Any veteran of the Army, Navy, Marine Corps, Air Force or Coast Guard who has served and was honorably discharged; (1) Continuously on active duty for at least 181 days ending after January 31, 1955. (2) A veteran who served less than 181 days, if his active duty was ended by a service-connected disability. (3) Persons still in service, if they have had at least two years active duty.

Duration and Benefits: Benefits will be paid a maximum of thirty-six months, based on one month of benefits for each month of active duty.

Basis for payments is as follows:

	No. Dependents & Monthly Rates			
	None	One	Two	Each Additional
Institutional				
Full-Time	$175	$205	$230	$13
¾ Time	128	152	177	10
½ Time	81	100	114	7
Cooperative Full-Time Only	141	167	192	10

(a) Veteran Student Enrolled at Less Than ½ Time: Payment based on the rate of the cost of tuition and fees, not to exceed $41 per month up to ¼ time or $81 per month if more than ¼ time but less than ½ time.

(b) In-Service Student: Payment based on the rate of the cost of tuition and fees but limited to:

If ¼ time or less ..... $41 per month
If more than ¼ time but less than ½ time ..... $81 per month
If ½ time or more not to exceed the single veteran rate in the foregoing allowance rate chart.

Availability of Training: In approved courses at a (public or private) college, vocational, business, high school, correspondence school, on the job training, institutional on the farm training, and flight training.

High School Training: Benefits are available to complete high school training or refresher courses to qualify for higher education without a charge against the basic entitlement.

Time Limitation: Benefits will not be paid beyond eight years from the date of the last discharge or release from active duty if the discharge was on or after June 1, 1966.

Application: Write or visit the Veterans Administration office nearest your place of residence.

Junior GI Bill.

Objective: To provide educational opportunities for approximately 185,000 children of veterans who died or were permanently and totally disabled in or as the result of service in the armed forces of the United States.

Eligibility: (1) Students whose parents died or are permanently and totally disabled from disease or injury incurred or aggravated in the armed forces during the Spanish-American War, World War I, World War II, or the Korean War. (2) Benefits are also extended to children of veterans who died or are

permanently and totally disabled while in the armed forces during the following periods: (a) Beginning September 16, 1940 and ending December 6, 1941; (b) Beginning January 1, 1947 and ending June 26, 1950; and (c) While selective service is in operation from the end of the Korean War, (January 31, 1955). (3) Assistance is available to eligible students, during the period which begins on date of 18th birthday or successful completion of high school, whichever occurs first, and ends on reaching the 26th birthday.

Exceptions: The period will be extended where (1) Student's individual deadline falls in the middle of a term, in which case they would be permitted to complete the semester or term; (2) Persons enter military service before age 26; (3) When students become eligible under the act and are over 18 but under 26 years of age.

Duration and Benefits: A maximum of 36 months of training and education may be obtained with payments of $130 per month paid upon completion of each month of full-time training, $95 for ¾ time, and $60 for ½ time.

Availability of Training: In approved colleges (public and private) vocational, business schools, and other educational institutions.

PRIVATE SOURCES

American Leaders Foundation c/o Northeastern Pennsylvania National Bank & Trust Co. Wyoming & Spruce Streets Trust Department, Box 937 Scranton, Pennsylvania	Loans only.
The Program Department AMVETS Nat'l Hdqtrs. P.O. Box 19025 Washington, D.C. 20036	Children of deceased to totally disabled (service connected) World War II or Korean War veterans.
The Army Relief Society 30 W. 44th Street New York, New York 10036	Orphans of Regular Army Personnel.
Anita Perlman Scholarship Award B'nai B'rith Youth Organization 1640 Rhode Island Avenue, N.W. Washington, D.C. 20036	Limited to girls active in B'nai B'rith Youth Organization.
Azalia P. Oberg Foundation, Inc. 504 Broadway Gary, Indiana	Seniors only attending accredited colleges. Loans only.
Nat'l Assoc. Am. Bus. Clubs P.O. Box 5127 High Point, North Carolina 27262	Junior, senior and Cert. students.
Eddy Student Loan Trust Fund c/o Thomas & Thomas 504 Broadway, Suite 1016 Gary, Indiana	Senior students. Loans only.
Elks National Foundation 40 Court Street Boston, Massachusetts 02108	Senior students.
Firestone Scholarship Program The Firestone Tire & Rubber Co. Akron, Ohio 44317	Children of qualified employees of Firestone Tire & Rubber Co. High School Seniors.
Funds for Education, Inc. 319 Lincoln Street Manchester, New Hampshire 03103	Loans only.

Educational Foundation Independent Order of Odd Fellows Box 214 Cornersville, Indiana	Loans to students with acceptable records at accredited institutions.
Indian Health Employees Scholarship Fund 422½ South Main Street Aberdeen, South Dakota 57401	Students of Indian descent at accredited institutions.
Kappa Delta Phi Sorority and Nat'l Soc. for Cr. Children and Adults 2023 W. Ogden Avenue Chicago, Illinois 60612	Senior students.
McMillan Scholarship Program c/o Am. Physical Therapy Assn. 1790 Broadway New York, New York 10028	Senior, Certified Inquire of P. T. Director at school of choice.
Nat'l Scholarship Serv. & Fund for Negro Students 6 East 82nd Street New York, New York 10028	Freshman, sophomore, junior, at accredited inter-racial institutions.
The Leopold Schepp Foundation 551 Fifth Avenue New York, New York 10117	Junior, renewable for Senior.
The Methodist Church Department of Student Loans and Scholarships P.O. Box 871 Nashville, Tennessee 37202	Scholarship: Methodist attending accredited Methodist schools. Loans: attending approved P.T. program.

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SPECIAL NOTE: The American Medical Association has started a computer bank showing more than 1,000 sources of financial assistance to students interested in Health Careers. The directory, FIND, (Financial Information National Directory) can be ordered from the American Medical Association, 535 N. Dearborn Street, Chicago, Illinois, 60610, at $2.95 prepaid.

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